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A Comprehensive Source of Quality
Cleanroom Equipment and Supplies



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Cleanrooms



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575 Modular Softwall Cleanroom



Clean Air Products Series 575 Vertical Flow Modular Softwall Cleanroom

The Series 575 cleanroom is a cost-effective method of providing quality particulate control in a softwall enclosure. The 2 x 4 ft. tubular steel NEST TIGHT ceiling grid system allows the cleanroom to enclose a large span without center posts. This system provides a durable, cost-effective, easy-to-assemble cleanroom system. A variety of sizes and shapes are available to ensure a system that is matched to your individual needs.

The rooms are free standing and require no support from host building. This tubular frame is held in place by steel support legs to ensure a strong rigid structure. The entire frame and leg support system is finished with a white cleanroom-grade baked enamel.

The NEST TIGHT ceiling grid is used to maintain a leak-free ceiling system. The NEST TIGHT grid system utilizes a special gasketed, overlapped and interlocking nested tee bar joints. This eliminates the butt joint space of conventional non-cleanroom tee bar grid systems. The proven NEST TIGHT ceiling grid system eliminates one of the largest problems in a cleanroom—a leaking ceiling grid system.

Gasketed Series 112 HEPA filters, SEAL TIGHT cleanroom lights, and vinyl covered blank ceiling panels complete the ceiling grid system. These gasketed components along with the NEST TIGHT ceiling grid system provide a zero-leak cleanroom ceiling which is essential for optimum cleanroom performance.

Request spec 0575-1B for additional information

Features

- 2" x 4" tubular steel frame with 4" x 4" angle iron legs
- Large open spans up to 24 ft. with no center supports
- NEST TIGHT ceiling grid system maintains a leak-free ceiling system
- Complete with motorized ceiling HEPA filters, lights, ceiling panel, tee bars and prefab wiring—requires only assembly and single-point power connection
- Sturdy, durable cleanroom environment
- Fast delivery and easy installation
- Room Class 100,000 to Class 10 (ISO4)

Series 575 Vertical Flow Modular Softwall Cleanroom

Overview

The series 575 cleanrooms are available from Class 100,000 to Class 10. They typically operate as a slightly positive pressure enclosure but can also be used as inflow containment areas with reverse flow HEPA filters exhausting filtered air.

The quantity of filter units and lights will be determined by each individual application. The rooms can be Class upgraded by adding additional HEPA filters to the system to create better “clean zones” or to upgrade the entire cleanroom system. This upgrade feature of the room ensures that the cleanroom will be able to meet the needs of future requirements.

The room is enclosed by a heavy-gage clear polished-vinyl curtain. These curtains are installed in sections with the top sealing against the support frame and the seams overlapped to prevent contamination from entering the clean space. The overlapped joints are located on 4-ft. centers, around the perimeter of the room. To enter or exit the room, the curtains are simply spread apart at the seams. The curtains automatically reseal as the two halves come together. Strip doors available in high traffic areas.

Installation of the cleanroom system is a fast and easy process. The room components are prefabricated with no on-site fitting or cutting required. The parts simply bolt, or set into place. Standard assembly time is just a few hours on most rooms (consult factory for more details). Simple step-by-step assembly instructions with diagrams accompany every cleanroom system.

Strip Doors

The strip door consists of 8 inch wide, 80 mil. thick strips with 2 in. overlap on each side along the length. This makes the standard strip door dimension 48 in. wide x 84 in. long x . The strip doors are assembled with mounting angle on top. Optional material:

- *Heavy 125 mil. clear vinyl strips for high traffic areas*
- *Clear anti-static vinyl*
- *Clear flame-retardant anti-static vinyl*
- *Yellow standard vinyl*
- *Yellow flame retardant vinyl*

NOTE: Special “extra length” strip doors are available for all of the above materials.

Prefab Electric Wiring Kit

Clean Air Products offers a prefab electric wiring kit as a cost and time effective option to conventional electrical wiring. It facilitates quick, easy “plug together” type electric connection of the lights and filter units by assembly personnel. The electrician simply connects power to a single point.

The “plug together” male/female connectors included with your prefab wiring kit are “Reloc” brand connectors. They are designed to be repeatedly plugged and unplugged as necessary. One can quickly add a HEPA filter or light without the need of an electrician.

Basic Components of the Prefab Wiring Kit

The basic components included with your prefab wiring kit are as follows:

- *Metal “plug together” male/female connectors and “plug together” flex metal cable segments*
- *Electrical junction box*
- *ON/OFF light switch*
- *Speed control*

Options

(Consult factory for additional items)

- *ULPA Filters (Class 10)
99.9999@ 0.12 microns*
- *Flow thru lights*
- *Non-DOP test filters*
- *Casters*
- *Yellow lights*
- *Special room heights*
- *Pass Throughs*
- *Yellow or opaque curtains*
- *Strip doors*
- *Inside room curtains*
- *Conductive curtains*
- *Ionization*
- *Swing doors*
- *Light switch*
- *Custom Designs*
- *Suspended frame without legs*
- *Prefab wiring kit*
- *Gowning rooms*
- *All stainless steel frame*

591 Modular Hardwall Cleanroom



Clean Air Products Series 591 Vertical Flow Modular Hardwall Cleanroom

The Series 591 is a free-standing, hardwall, modular, prefabricated cleanroom system that is designed to provide superior cleanroom performance and aesthetic appeal. Its modular, prefabricated design combines functionality with flexibility to create systems that will meet your cleanroom needs of today and into the future.

These rooms are available from Class 100,000 to Class 10 (ISO4). The rooms are available with open free spans from 6 to 34 feet and interior room heights of 8 to 20 feet. Multiple rooms can be combined to form larger cleanroom systems. The system allows for additional sections to be added to existing rooms to expand the cleanroom at a future date.

The Series 591 cleanroom has high visual appeal and is often used as a showcase cleanroom system. The large clear walls offer good visibility into and out of the room. Clear anodized aluminum panels cover the filter light area above the drop ceiling so the exterior has a clean appearance.

Features

- *Modular and prefabricated*
- *Free-standing; does not become part of the building*
- *Can be easily and quickly relocated*
- *Large open spans up to 34 ft.*
- *Interior clear height 8 to 20 ft.*
- *Room Class 100,000 to Class 10*
- *Aesthetic design, visually appealing*
- *High quality performance*
- *Easy to assemble*
- *Single pass or re-circulating*
- *Internal room wall pressure adjustable with wall dampers*
- *Recirculation for temperature and humidity control*
- *End walls non-load bearing for easy expansion*
- *Support posts designed for facility raceways*
- *Full clear, solid white, or window style wall panels*

Series 591 Vertical Flow Modular Hardwall Cleanroom

Modular Design for Ultimate Flexibility

The modular prefabricated design makes installation fast and easy. Factory installation is available, but simple step-by-step instructions and detailed installation drawings allow the rooms to be assembled using in-house maintenance personnel. The room assembles with common hand tools. Holes are pre-punched and predrilled, so the room is assembled by lining up holes and installing screws, bolts and snap-in extrusions. The room ships knocked down on compact skids.

After a room has been installed, its versatile modular design allows the room to be expanded, relocated, or reconfigured into a different shape or made into multiple smaller rooms. This versatility makes your Series 591 cleanroom system an asset that keeps pace with your cleanroom requirements.

The modular design of the Series 591 means that the cleanroom can be expanded, modified, reconfigured or even sold. It can have value throughout its life. The cleanroom system is not typically considered part of the building and can often be depreciated faster than a built-in cleanroom. Consult your tax adviser for specifics of the tax advantages.

The removable wall panels are supported by special heavy-duty 3 x 3 anodized aluminum support posts with upper cross panels. Together these form a strong, decorative exterior wall system. Each support post is equipped with a leg-leveling guide to adjust for variations in floor level.

The wall panels are available in the following materials:

- *Clear acrylic*
- *Translucent acrylic*
- *Yellow acrylic*
- *Clear ESD acrylic*
- *Clear Polycarbonate*
- *White painted aluminum*
- *Combination white lower with clear upper*
- *Safety Glass*

Airflow

Non-Recirculating Single Pass Rooms

The non-recirculating or single pass room draws in ambient air from above the room into the motorized HEPA filter located in the cleanroom ceiling. This HEPA filtered air is blown into the cleanroom where it cleans the interior space, then is discharged from the cleanroom through the approximate 2 in. space located below the walls and through the adjustable dampers and grills around the entire perimeter of the cleanroom.

Recirculating Cleanrooms

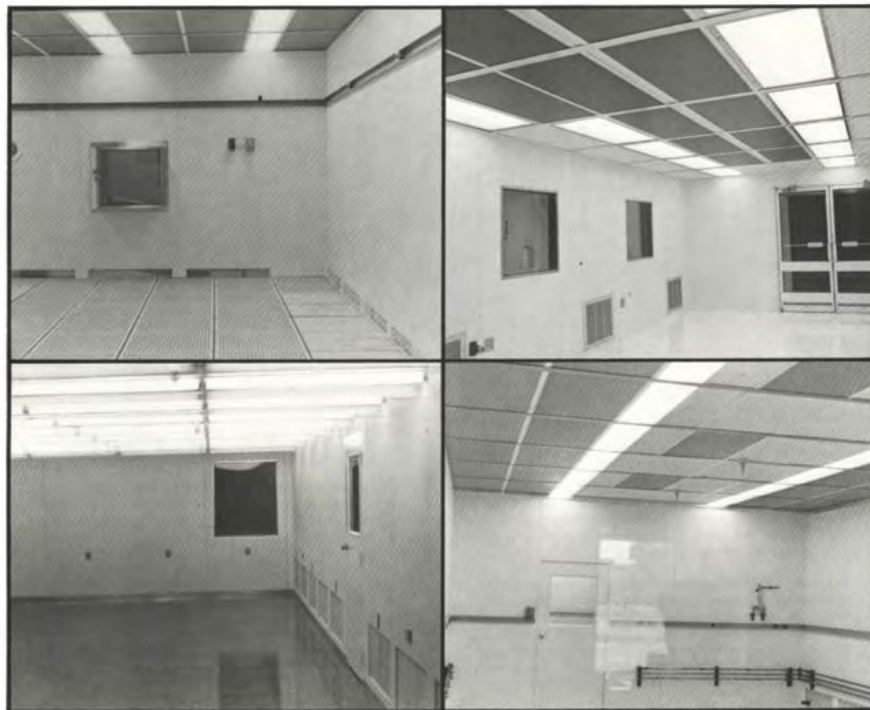
Recirculating cleanrooms recirculate the air within the cleanroom and prevent it from mixing with the ambient which allows for better control of the temperature and humidity. In order to recirculate the air back to the HEPA filters located in the cleanroom ceiling, return air walls are added to the cleanroom. The room can use existing building wall(s) or add a second set of cleanroom wall(s) and a walkable metal top to the cleanroom. Consult the factory for details regarding the best return air configuration for your particular application.

Air Pressure Control Dampers

The rooms are furnished with adjustable air dampers located on the bottom of each wall panel. The dampers adjust the open space between the floor and the bottom of the wall panel. By reducing this clearance, the pressure within the cleanroom is increased. Increasing the clearance decreases room pressure.

The metal top can be walked on to facilitate connections to the cleanroom. A standard HVAC is used to provide environmental control.

582 Modular Hardwall Cleanroom



Clean Air Products Series 582 Vertical Flow Modular Hardwall Cleanrooms

The Series 582 is an easy-to-assemble, prefabricated cleanroom system that is available in a variety of sizes, shapes and room classifications to meet your individual cleanroom requirements.

The room is constructed of modular wall panels that fasten together to form the shell of the cleanroom. The NEST-TIGHT grid system is attached to the shell forming the internal cleanroom ceiling. The NEST-TIGHT ceiling grid with its unique interconnecting tee bars, is an independent structural system with sufficient strength to support the filters, lights, tee bars and other components that make up the cleanroom ceiling.

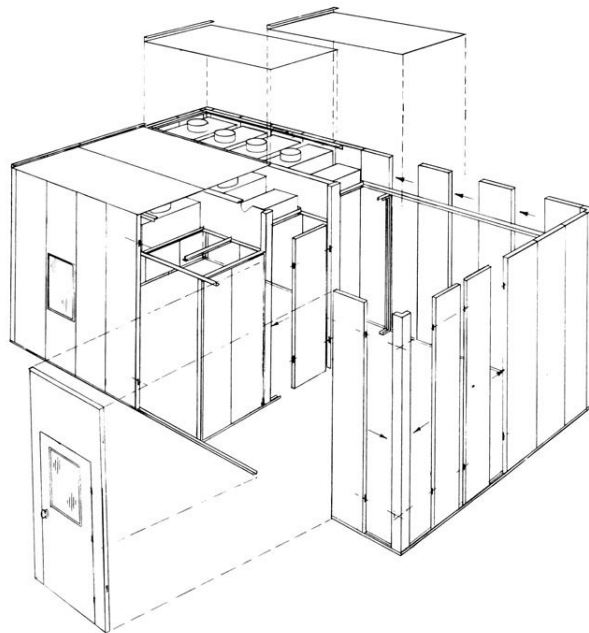
The cleanroom also utilizes the HEPA-N-SEAL negative pressure safety seal to ensure a zero-leak ceiling grid. This unique system keeps a negative pressure around all the filters, lights and ceiling panels to ensure that no air will leak through the ceiling grid and into the critical cleanroom space.

The room shape is not limited to squares and rectangles but can have jogs or steps in the walls to go around building supports, pillars or other obstructions that would prevent a rectangular room from fitting tightly against the building. Its size can also be expanded in both length and width to accommodate future cleanroom needs.

Features

- *Prefabricated, pre-engineered, modular cleanroom systems*
- *Temperature/humidity controlled enclosures*
- *Laminar flow surgical rooms*
- *Modular wall and ceiling systems*
- *Custom cleanroom design services*
- *Authentic design, visually appealing*
- *High quality performance*
- *Easy to assemble*
- *Expandable and upgradeable*

Series 582 Vertical Flow Modular Cleanrooms



Overview

The cleanroom can be constructed for Class 100,000 to Class 10 operating conditions. Additional 2 x 4 foot ceiling filters can be added to upgrade the entire room or spot clean one particular area. The entire HEPA filter locations can be changed to accommodate changes in process requirements.

The cleanroom is designed for fast, easy installation without the need of heavy lifting equipment. The components are light enough to allow assembly personnel to lift and set the parts into place. These components are then attached using internally mounted rotary clamps and fasteners. The modular system is designed with a minimum of parts, many of which are interchangeable, to make assembly fast and easy. The installation can be done by in-house personnel or our factory-trained installation personnel.

The components also store and ship easily. A cleanroom can be set up at one location to develop a process, and then easily moved to another location for final production. Its small, lightweight parts make it easy to relocate even in hard to get places within a building.

The rooms can utilize in-house air conditioning or can be furnished with comfort cooling or precise temperature and humidity control.

The Series 582 is a cleanroom system that is able to keep pace with changing requirements to ensure that your cleanroom remains an asset and never becomes a liability.

Blowers

Standard rooms use CAP112-424 motorized ceiling HEPA filters. Optional larger centralized blowers with ducted filter modules available upon request.

Airflow

Rooms can re-circulate or discharge cleanroom air into the surrounding space.

Temperature Control

Re-circulating airflow rooms can have optional air conditioning added to provide cooling and humidity control.

Walls

- *White vinyl covered steel*
- *Painted steel*
- *Stainless Steel*

Sizes

- *Widths up to 34 feet clear span*
- *Lengths are unlimited*
- *Height up to 15 feet clear span*

Guarantee

A written 1 year Warranty is furnished with each room.

Specifications subject to change. Please contact factory for details.

577 Modular Softwall Cleanroom



Clean Air Products Series 577 Vertical Flow Modular Softwall Cleanroom

The Series 577 softwall cleanrooms are a cost-effective method of providing quality particulate control enclosures. The system utilizes proven cleanroom manufacturing and design techniques to provide a lightweight, low-cost, easy-to-assemble cleanroom system. A variety of sizes and shapes are available to ensure a system that is matched to individual needs.

The cleanrooms are available from Class 100,000 to Class 10. They typically operate as positive pressure enclosures but can also be used as negative pressure containment areas to HEPA filter all the outgoing room air.

The lightweight, easy-to-assemble sections have a maximum size of 12 ft. x 12 ft. with a leg on each corner. Larger units can be constructed by simply adding on standard room components to create one continuous room with support legs on an 12 ft. x 12 ft. pattern. A 23 ft. x 24 ft. room would have one center post. The rooms can be expanded or reduced in size without taking the entire cleanroom down. This feature makes it fast and easy to add sections or change the shape for other requirements. A number of smaller rooms can be combined for a large cleanroom project and then be changed back to smaller rooms and relocated at a later time.

Features

- *Lightweight, easy-to-assemble 2" x 4" tubular steel frame with 2" x 2" tubular steel support legs*
- *Modular design offers great flexibility and expandability*
- *Room Class 100,000 to Class 10 (ISO 4)*
- *Complete with motorized ceiling HEPA filters, lights and prefab wiring kit—requires only assembly and electric power connection*
- *Rigid acrylic panels are an option to create a hardwall cleanroom*
- *Fast delivery; most units shipped from stock*
- *Frame design permits easy bolt on expansion*

Series 577 Vertical Flow Modular Softwall Cleanroom

General Features

- 99.99% DOP test on 0.3 micron HEPA filters
- Aluminum frame HEPA filters
- White lights
- Clear vinyl curtains
- 120-volt filters and lights
- White painted finish

The rooms use the CAP 112-424 (2x4) motorized ceiling HEPA filter, CAP 1210-2x4(4) lame "Seal Tight" cleanroom light or the CAP1220-2x4(4) lamp flow-thru light and blank ceiling panels in various quantities, depending on the size and class of cleanroom.

The perimeter of the room is enclosed by a clear, polished-vinyl curtain or optional acrylic panels. These are easily attached to the room by 3M Dual Lock (cleanroom Velcro type material). Optional styles and materials for hardwall sided rooms are also available.

The rooms can be furnished with a prefab wiring kit for quick and easy connections of the filters and lights to a single electrical connection.

Options

- ULPA filters (Class 10)
- Strip doors
- NON DOP test filters
- Yellow or opaque curtains
- Special room heights
- Casters
- Ionization
- Prefabricated wiring kit
- Acrylic or lexan walls
- Gowning rooms
- Economy swing doors
- All stainless steel frame
- Building suspension bracket
- Extra tan frames
- Curtain in panel attached on all 4 sides for greater positive pressure
- Lower "bug screen" to keep out insets or rodents

(consult factory for additional items)

Cleanroom Ceiling Height Requirements

The standard height dimension is 8 ft. Standard filter unit height is 14 in. A 2-in. minimum space is required between the filter unit top and ceiling. Standard room heights are 7, 8, 9, 10, and 12 ft. Other cleanroom heights are available. Flow-thru lights add 5 1/2 in. to standard filter unit height.

Tee Bar Seal Tight Gasketing System

The cleanroom ceiling consists of ceiling lights, filter units and blank panels that fit into a 2 ft. x 4 ft. seal tight tee bar ceiling grid system.

Gasketed filter units, cleanroom lights and vinyl-covered ceiling panels provide a zero-leak cleanroom which is essential for optimum cleanroom performance.

Castors

Castors with brakes are available on cleanrooms. Consult factory for rooms over 12 ft. x 12 ft.

Prefab Electrical Wiring Kit

A prefab electric wiring kit is a cost-effective and time-saving option to conventional electrical wiring. It facilitates quick and easy "plug together" type electric connection of the lights and filter units by assembly personnel. The electrician simply connects power to a single point.

The "plug together" male/female connectors included with your prefab wiring kit are Reloc Brand connectors. They are designed to be repeatedly plugged and unplugged as necessary.

Basic Components

The basic components included with your prefab wiring kit are as follows:

- Metal "plug together" male/female connectors and "plug together" flex metal cable segments
- Electrical junction box
- Lights and ON/OFF switch
- Speed Control

For additional information on this product request specification 0577-1C

550 Softwall Cleanroom

Clean Air Products Series 550 Softwall Cleanroom



The **Series 550 Softwall Cleanroom** is a vertical flow cleanroom system that is designed to provide superior cleanroom performance. The **Series 550 Softwall Cleanroom** modular design combines functionality with flexibility to create systems that will meet your clean room needs of today and into the future.

Features

- All feature full-ceiling HEPA filter plenum section for superior cleanroom performance
- All metal construction
- Very energy efficient
- Modular sections
- Easily maintained

556 Softwall Cleanroom

Clean Air Products Series 556 Vertical Flow Softwall Cleanroom

The **Series 556 Softwall Cleanroom** is a vertical flow softwall cleanroom system that is designed to provide superior cleanroom performance. The **Series 556 Softwall Cleanroom's** modular design combines functionality with flexibility to create systems that will meet your cleanroom needs of today and into the future.

Sampling Station: The **Series 556 Softwall Cleanrooms** can be used as a pharmaceutical sampling station with minor construction modifications. Please specify sampling station as your application.



Features

- All feature full-ceiling HEPA filter plenum sections for superior cleanroom performance
- All metal construction
- Designed for easy wipe down
- Very energy efficient
- Modular sections
- Easily maintained

558 Modular Cleanroom

Clean Air Products Series 558 Modular Cleanroom, Class 10 (ISO 4) or Class 100



The **Series 558 is a Vertical Flow Hardwall Modular Cleanroom** system designed to provide superior clean room performance. Its modular clean room design combines functionality with flexibility to create systems that will meet your clean

room needs of today and into the future. The full ceiling HEPA filter coverage with diffuser panels and tear drop lights provide uniform airflow out of the ceiling plenum.

Features

- All feature full-ceiling HEPA filter plenum sections for superior cleanroom performance
- All metal construction
- Very energy efficient
- Modular sections
- Easily maintained
- Full HEPA ceiling coverage
- High air changes per hour
- Unidirectional airflow
- Class 100 or Class 10

583 Vertical Flow Hardwall Cleanroom

Clean Air Products Series 583 Vertical Flow Hardwall Modular Cleanrooms



The **Series 583 Modular Cleanrooms** are a smooth metal wall and metal ceiling cleanroom designed to be wiped or washed down. The walls can be made of either painted steel, painted aluminum, or stainless steel. Lights are designed for wash down applications and options include halogen or tear drop. The HEPA

filters are room-side replaceable for easy maintenance and replacement. Gel seals are available for HEPA filters on stainless steel rooms. A steel defuser screen is also included.

Features

- Smooth walls
- Easy-to-clean return air grills
- Stainless steel grill over HEPA filter
- Metal ceiling for easy wipe down
- Wash down lights
- Flush-mount glass windows
- Support posts designed for facility raceways

560 Vertical Flow Hardwall Cleanroom

Clean Air Products Series 560 Vertical Flow Hardwall Modular Cleanroom

The **Series 560 Modular Cleanroom Systems** are prefabricated, pre-engineered vertical flow cleanrooms that offer a viable alternative to costly conventional cleanroom construction. These modular cleanroom systems feature easy-to-assemble self-contained modular sections that are designed to allow for future expansion. Remove and re-configure sections for a process change or completely disassembly and relocate to another facility if desired.

The pre-engineered modular cleanroom is free-standing and require only a solid, level floor for their support. The **Series 560 Modular Cleanroom** is available with a solid or raised floor and come in a variety of sizes and styles to allow a system to be tailored to meet individual space configuration requirements.

The **Series 560 Modular Cleanroom** utilizes a full HEPA filter ceiling bank to ensure an even airflow which greatly reduces the air turbulences and eddy air currents. This provides a uniform laminar airflow throughout the work zone.

Each model of the **Series 560 Modular Cleanroom** incorporates the HEPA-N-SEAL double-gasket seal to provide a "zero leak"

ceiling system. This system keeps the primary HEPA filter high pressure seal under a negative pressure to prevent gasket seal leaks. Gasket leaks can occur over time on both clamped and liquid gel systems; the negative pressure safety seal prevents these leaks from entering the cleanroom.



Features

- Prefabricated, pre-engineered, modular cleanroom systems
- Temperature/humidity control enclosures
- Laminar flow benches
- Modular wall and ceiling systems
- Custom cleanroom design services

Cleanroom Components



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Cleanroom Pass Throughs

Wall Mount - Stainless Steel

Pass Thru air locks by **Clean Air Products** are for transfer of parts and equipment in and out of a cleanroom. They reduce the need for people to enter the cleanroom. Contamination is eliminated because of the reduced traffic within the cleanroom.

- **Welded stainless steel shell**
- **Stainless steel frame, hinges**
- **Safety glass viewing window**
- **Closed cell PVC door gasket**

Wall mounted Cleanroom Pass Thru's allow for quick movement of product, tools, and supplies in and out of your cleanroom, pharmaceutical, or controlled environment area.



See below for floor mounted units.

Clean Air Products Wall Mounted Pass Thru with Mechanical Interlock

Model#	Description	W" x H" x D"
18-121212S*	Stainless Steel Cleanroom Pass Thru	12" x 12" x 12"
18-181818S*	Stainless Steel Cleanroom Pass Thru	18" x 18" x 18"
18-242424S*	Stainless Steel Cleanroom Pass Thru	24" x 24" x 24"
18-303030S*	Stainless Steel Cleanroom Pass Thru	30" x 30" x 30"
18-363636S*	Stainless Steel Cleanroom Pass Thru	36" x 36" x 36"
18-463046S	Stainless Steel Cleanroom Pass Thru	46" x 30" x 46"
18S-RFQ	Stainless Steel Cleanroom Pass Thru	Need a size?
18-Accessories	Accessories for Cleanroom Pass Thru	

* Models in stock

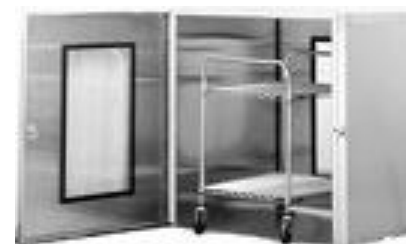
Options:

- ◆ **Mechanical Interlock**
- ◆ **Stainless Steel Trim Kit**
- ◆ **Clear PVC Door Insert**
- ◆ **Set-in Shelves for Pass Thru**
- ◆ **Adjustable Shelves for Pass Thru**
- ◆ **HEPA/ULPA Filters**
- ◆ **Stainless Steel Gussets (Pair)**
- ◆ **Custom Sizes**
- ◆ **UV Light**

Floor Mounted - Stainless Steel

Pass Thru air locks by **Clean Air Products** are for transfer of parts and equipment in and out of a cleanroom. They reduce the need for people to enter the cleanroom. Contamination is eliminated because of the reduced traffic within the cleanroom.

- **Welded stainless steel shell**
- **Stainless steel frame, hinges**
- **Safety glass viewing window**
- **Closed cell PVC door gasket**
- **Cam action chrome-plated latch on larger units**



Clean Air Products Floor Mounted Pass Thru

Model#	Description	W" x H" x D"
18F-364836S	Stainless Steel Cleanroom Pass Thru, Floor Mount	36" x 48" x 36"
18F-364842S	Stainless Steel Cleanroom Pass Thru, Floor Mount	36" x 48" x 42"
18F-424836S	Stainless Steel Cleanroom Pass Thru, Floor Mount	42" x 48" x 36"
18F-364848S	Stainless Steel Cleanroom Pass Thru, Floor Mount	36" x 48" x 48"
18F-426054S	Stainless Steel Cleanroom Pass Thru, Floor Mount	42" x 60" x 54"
18F-486048S	Stainless Steel Cleanroom Pass Thru, Floor Mount	48" x 60" x 48"

Cleanroom Pass Throughs

Wall Mount - Polypropylene

Pass Thru air locks by **Clean Air Products** are for transfer of parts and equipment in and out of a cleanroom. They reduce the need for people to enter the cleanroom. Contamination is eliminated because of the reduced traffic within the cleanroom.

- **Welded half inch white polypropylene sheets**
- **No particle board, superior poly. construction material**
- **Safety glass viewing window**
- **Closed cell PVC door gasket**



Clean Air Products Polypropylene Wall Mounted Pass Thru

Model#	Description	W" x H" x D"
18-121212P	Polypropylene Cleanroom Pass Thru	12" x 12" x 12"
18-181818P	Polypropylene Cleanroom Pass Thru	18" x 18" x 18"
18-242424P	Polypropylene Cleanroom Pass Thru	24" x 24" x 24"
18P-RFQ	Polypropylene Cleanroom Pass Thru	Need a size?
18-Accessories	Accessories for Cleanroom Pass Thru	

Options:

- ◆ **Mechanical Interlock**
- ◆ **Stainless Steel Trim Kit**
- ◆ **Clear PVC Door Insert**
- ◆ **Set-In Shelves for Pass Thru**
- ◆ **Adjustable Shelves for Pass Thru**
- ◆ **HEPA/ULPA Filters**
- ◆ **Stainless Steel Gussets (Pair)**
- ◆ **Custom Sizes**
- ◆ **UV Light**

Fire-Rated Wall Mount Pass Throughs also available!

Accessories for Cleanroom Pass Throughs

- **Mechanical Interlocks** prevent both doors from being opened at the same time. This aids to prevent cleanroom depressurization and infiltration of contamination.
- **Stainless Steel Trim Kits** create a perimeter frame which secures your pass thru to the walls of the cleanroom and gives your cleanroom a superior look.
- **Door Options:** Standard or Conductive PVC viewing windows, Amber Plexiglass, or Lexan®. We offer a variety of viewing windows for your specific operation or cleaning needs.
- **Sliding Doors** for your pass thru eliminates the swinging radius of a hinged door. You no longer have to stand back to clear the swing of the door reducing the time the door is open and need for additional aisle space.
- **Set-In or Adjustable Shelves:** Containers don't need to be stacked. Usage of shelves reduces the risk of possible contamination or breakage.
- **HEPA/ULPA Filters** added to your pass thru will ensure cleanliness and reduce outside contamination.

Model#	Description
MECH-INTLOC	Mechanical Interlock for Poly. Pass Thru
TRIM KIT	Stainless Steel Trim Kit
18-DI-PVC	Clear PVC Door Insert for Poly. Pass Thru
18-SISH	Set-In Shelves for Pass Thru
18-ASH	Adjustable Shelves for Pass Thru
18-Guset-RB	Stainless Steel Gussets, Sold by Pairs

Cleanroom Pass Throughs

Wall Mount - HEPA Filtered, Stainless Steel

Pass Thru air locks by **Clean Air Products** are for transfer of parts and equipment in and out of a cleanroom. They reduce the need for people to enter the cleanroom. Contamination is eliminated because of the reduced traffic within the cleanroom.

- Welded stainless steel shell
- Stainless steel frame, hinges
- Safety glass viewing window
- Closed cell PVC door gasket

Wall mounted Cleanroom Pass Thru's allow for quick movement of product, tools, and supplies in and out of your cleanroom, pharmaceutical, or controlled environment area.

These models of pass throughs come **equipped with a Motorized HEPA Filter Unit:**

- 120 V, 60 Hz, 0.83 Amps
- 375 CFM air flow at 110 feet/min
- Perforated inner sides for air recirculation



Clean Air Products Wall Mounted HEPA Filtered Pass Thru

Model#	Description	W" x H" x D"
18-241224SHF	HEPA Filtered Stainless Steel Pass Thru	24" x 12" x 24"
18-251825SHF	HEPA Filtered Stainless Steel Pass Thru	24" x 18" x 24"
18-252425SHF	HEPA Filtered Stainless Steel Pass Thru	25" x 24" x 25"
18-303030SHF	HEPA Filtered Stainless Steel Pass Thru	30" x 30" x 30"
18-363636SHF	HEPA Filtered Stainless Steel Pass Thru	36" x 36" x 36"
18-424242SHF	HEPA Filtered Stainless Steel Pass Thru	42" x 42" x 42"

Cleanroom Motorized Fan Filter Units

These **Motorized Fan Filter Units** are self contained filter units that draw air in through a top-mounted prefilter. It then blows the air out the other side through a HEPA or ULPA filter into a controlled space. A typical application is installing it into a 2 ft. x 4 ft. ceiling grid system, however, fan filter units can also be mounted on a support frame or suspended from a support structure.

The steel blower housing attaches to the top of an aluminum framed HEPA or ULPA filter. The internal direct drive blower/

motor assembly is isolated from the exterior housing by torsion flex motor mounts and rubber vibration isolation mounts.

Internal acoustical foam baffles reduce sound and enhance airflow uniformity.



Motorized Ceiling Fan Filter Unit

Item#	Description	W" x D"
12800-22	Motorized HEPA Filter, Energy Eff., 115V 185W, Gel Seal	2' x 2'
12130-22	Motorized, HEPA w/Light, w/Room-Side Filter, 115V 165W	2' x 2'
117-424	Motorized, HEPA Ceiling Filter, Energy Eff., U/L Listed, 115V	2' x 4'
112-424	Motorized, HEPA Ceiling Filter, U/L Listed, 115V	2' x 4'
112-424AR	Motorized, HEPA Ceiling Filter w/Air Return Grill	2' x 4'
12250-24	Motorized, HEPA Filter, Ultra Low Power, 115V 115W	2' x 4'
12261-24	Motorized, HEPA Filter, Energy Efficient, 115V 185W	2' x 4'
12262-24	Motorized, HEPA Filter, Energy Efficient, 208-230V 170W	2' x 4'
12263-24	Motorized, HEPA Filter, Energy Efficient, 277V 165W	2' x 4'
12805	Motorized, HEPA Filter w/Room-Side Filter, 115V 185W	2' x 4'
12265-24	Motorized, HEPA Filter w/Room-Side Filter, 208-203v 170W	2' x 4'
12266-24	Motorized, HEPA Filter w/Room-Side Filter, 277V 165W	2' x 4'
12230-24	Motorized, HEPA Filter w/Light w/Room-Side Filter, 115V 165W	2' x 4'

Additional Features:

- Galvanized or Painted Steel Housing
- Self contained design
- Easily installs into a 2 ft. x 4ft. ceiling grid
- All metal filter housing
- HEPA or ULPA filter
- Internal acoustical foam baffles for reduced sound
- UL Listed
- Variable Speed Control

Series 116 Vertical Fan Filter Unit

The **Series 116 Fan Filter Unit** by **Clean Air Products** is a decorative self-contained vertical-flow filter unit designed to be suspended down from a ceiling or hung off a wall. Front servicing of filter, blower, and lights make these units ideal for applications where ceiling access is not possible. Prefilters can be located on the top or front of the unit.

Features:

- White painted steel shell
- Designed to service blowers, filters, and lights from the front
- Interior lights
- Front light blower switch
- Speed control
- Front or top prefilters



Available Filter Fan Unit Sizes							
Depth	Width						
	36"	48"	60"	72"	96"	108"	120"
30"	X	X	X	X	X	X	X
36"	X	X	X	X	X	X	X
42"	X	X	X	X	X	X	X

Cleanroom Ceiling Tiles

Envirogard™ Ceiling Tiles Class 100 (ISO5)

Envirogard™ by **CertainTeed®** is a gypsum core tile with vinyl facing and sealed edges that is specifically designed for low particulate emission and maximum cleanliness. It is excellent for laboratories, and cleanroom environments.

Features:

- Sanitary, washable panels are USDA/FSIS accepted
- Class 100 Clean Room (ISO 5) per U.S. Federal Standard 209E.
- Durable, reinforced BPB ProRoc™ Type C gypsum board substrate for dimensional stability and excellent impact resistance.
- High Light Reflectance
- Protectone®/UL Fire Resistance
- Resists Sagging



Envirogard™ Entire Seal Heavy weight Cleanroom Ceiling Tiles

Item#	Description	Qty per Carton	Weight
WI-1192CRF1	2' x 2' x ½" Ceiling Tile, Gypsum, Entire Seal	8 Tiles/ctn, 32 SF/ctn	2 lbs./SF
WI-1190CRF1	2' x 4' x ½" Ceiling Tile, Gypsum, Entire Seal	4 Tiles/ctn., 32 SF/ctn.	2 lbs./SF

Vinyl Shield™ Ceiling Tile Class 100 (ISO5)

VinylShield™ by **CertainTeed®** is a vinyl wet-felted acoustical ceiling panel designed for sanitary and cleanroom applications where low particle emission and maximum cleanliness are required.

Features:

- USDA/FSIS accepted vinyl (non-perforated) with wet-felted ceiling panel
- Meets federal sanitary requirements for certain cleanroom and food processing areas
- VinylShield™ "A" is listed in specific time-rated UL design assemblies
- Meets U.S. Federal Standard 209E, Class 100 (ISO5) Cleanrooms for VinylShield™ "C" with White CRF finish
- BioShield™ treatment applied to back surface of panel to inhibit mold/mildew on treated side



VinylShield™ Wet-Felted Light Weight Accoustical Ceiling Panels

Item#	Description	Qty per Ctn	Weight
WI-1172CRF1	2' x 2' "C" Ceiling Tile, ½" Mineral Core, Entire Seal	14 Tiles/ctn., 56 SF/ctn.	.7 lbs./SF
WI-1170CRF1	2' x 4' "C" Ceiling Tile, ½" Mineral Core, Entire Seal	8 Tiles/ctn., 64 SF/ctn.	.7 lbs./SF
WI-1102CRF1	2' x 2' "A" Ceiling Tile, ½" Mineral Core, Face Seal	14 Tiles/ctn., 56 SF/ctn	.7 lbs./SF
WI-1100CRF1	2' x 4' "A" Ceiling Tile, ½" Mineral Core, Face Seal	8 Tiles/ctn., 64 SF/ctn.	.7 lbs./SF

Additional Features:

- ◆ Lightweight
- ◆ Noise Reduction
- ◆ High Light Reflectance
- ◆ Protectone®/ UL Fire Resistance
- ◆ Washable
- ◆ Various Finishes
- ◆ Resists Sagging
- ◆ PlastiGard™ Option
- ◆ BioShield™ Mold and Mildew Guard Standard

Cleanroom Ceiling Tiles

Vinylrock™ Gypsum Ceiling Tile, Class 100 (ISO 7)

Vinylrock™ gypsum ceiling tile by **CertainTeed®** is ideal in applications where repeat cleaning is required.

- Vinyl faced gypsum core
- Appropriate for use in ceilings that require repeated cleaning and suitable for cleaning with common disinfecting chemicals.
- Meets USDA/FSIS sanitary standards for food processing, food service and hospital use.
- Suitable for use as a component in certain cleanroom assemblies Class 10,000, (ISO 7)
- Does not contain formaldehyde



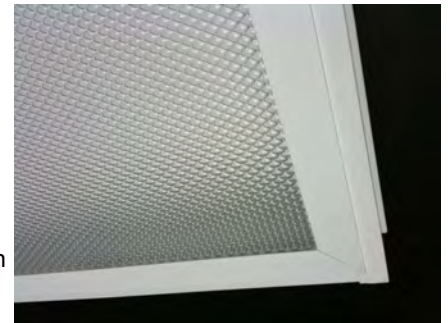
Model#	Description	Qty per Ctn
WI-1140CRF1	2' x 4' Gypsum Ceiling Tiles	4 Tiles, 32 SF/Ctn.
WI-1142CRF1	2' x 2' Gypsum Ceiling Tiles	8 Tiles, 32 SF/Ctn.

Cleanroom Ceiling Light

Cleanrooms International Ceiling Light Class 1,000 (ISO 3) to Class 100,000 (ISO 9)

Illuminate your cleanrooms, pharmaceutical areas, biomedical labs, food processing centers, hospitals and wet locations.

- Equipped with a multi-voltage T8 electronic ballast including 4 medium bi-pin lamp receptacles
- Sealed, painted white 20 gauge housing seals to grid
- 2' x 2' or 2' x 4' nominal housing size
- Lens frame is flush with T-grid and seals to housing
- Lens is gasketed to extruded lens frame
- Suitable for Class 1,000 or higher Cleanrooms
- No tools required to open lens frame for relamping
- Manufactured in accordance to NSF, FDA, USDA and Federal Standard 209



Sealed and Gasketed Cleanroom Ceiling Light

Model#	W" x L"	Voltage	Cycle	Amps	Watts	Weight
148050	2' x 4'	120 V - 277 V	50/60 Hz	1	32 / 128	35 lbs. (16 kg)
148053	2' x 2'	120 V - 277 V	50/60 Hz	2	17 / 68	23 lbs. (11 kg)

Cleanroom Ceiling Light Accessories

Model#	Description
148513	Door Frame and Lens
703902	Optional 8' Power Cord 110V - 120V Only
148075	Emergency Battery Pack 120V
148084	Emergency Battery Pack 277V
703754	Ballast 120V - 277V Multi-Voltage

Cleanroom Ceiling Tile Accessories

Cleanroom Ceiling Tile Tape

EZT cleanroom ceiling tile tape is a high tack polyethylene tape with a rubber adhesive. The aggressive adhesive easily bonds different mediums, such as plastic and concrete or stainless steel. The unique serrated edge allows an easy tear at any length where blades and dispensers are not available. 2" wide, Roll length 36 yards

Item#	Description
MN-EZT-W2-1	EZT Ceiling Tile Tape

Blue Edge Sealant for Heavyweight Ceiling Tile

Blue edge sealant for heavyweight EnviroGard™ Ceiling Tile.

Item#	Description
WI-1190SEL1	Blue Edge Sealant, 1 quart

White Edge Sealant for Lightweight Ceiling Tile

White edge sealant for Lightweight VinylShield® Ceiling Tile. One quart covers 50 linear feet if brushed on or 300 linear feet if sprayed.

Item#	Description
WI-1170SEL1	White Edge Sealant, 1 quart

Gasket Seal for Ceiling Tiles

Gasket is ¼" x ⅛" , 100 feet, rubber adhesive one side

Item#	Description
GASKET100	Gasket for Ceiling Tiles

Talking Wall Voice Communicator

The talking wall is a sealed air tight wall mounted voice communicator. It can be installed on glass or Plexiglas window, doors and thick walls. Operates by using thin durable Mylar diaphragm for sound transfer. The unit allows for both visual and oral communication even when mounted in a solid wall.

Model#	Description	Size
UC-800	Talking Wall Communicator	10"H, Grill 6½"

- Saves time, reduces telephone usage
- Eliminates changing clothing on entering or leaving cleanroom
- Helps keep room contamination at a lower level
- No air passage thru, stops drafts, holds room air pressure
- No wires, no moving parts, no maintenance required. White plastic frame



Terminal Filter

NCI offers a variety of terminal filters, specific to your application. Please call your representative so we can provide the right filter for you. Efficiency is 99.99% @ 0.3.

Model#	Nominal Size	Filter Size	Inlet Collar	Weight
11104	2 x 2	20.62 x 20.62 x 3	10	33 lbs.
11105	2 x 2	20.62 x 20.62 x 3	12	33 lbs.
11106	2 x 4	20.62 x 44.62 x 3	10	57 lbs.
11107	2 x 4	20.62 x 44.62 x 3	12	57 lbs.

Cleanroom Paint

Pre-Catalyzed Acrylic Epoxy

This pre-catalyzed water based epoxy is a revolutionary single-component, pre-catalyzed waterborne acrylic epoxy that offers the adhesion, durability and resistance to stains and most cleaning solvents usually characteristic of two-component waterborne acrylic epoxy products.

- Interior institutional/commercial high maintenance areas
- Upgrade surfaces painted with conventional coatings with a high performance protection system with excellent adhesion
- Corrosion and Chemical resistant
- Hospital and Schools
- Institutional dining and kitchen areas
- Suitable for use in USDA inspected facilities

These products are low in VOC, have a very mild odor and can be applied over a wide variety of primers on properly prepared interior metal, wood, masonry, plaster and drywall.

With less than 1.2 lb./gal. Volatile Organic Compounds (VOC's) per gallon, this paint is ideal for application in laboratories, pharmaceutical facilities, food & beverage plants, schools and various institutions in which a clean environment is required.

Surface must be properly prepared before application. Contact NCI for more information.

Standard Color: White Semi-Gloss



Pre-Catalyzed Acrylic Epoxy

Model#	Description	Size
16-510	Epoxy Low VOC Paint	1 gallon

Enducryl® Water Based Catalyzed Epoxy Paint

This epoxy is a high performance, interior VOC compliant, low odor, two component, catalyzed, water based epoxy resin coating. Dries to a tough, tile-like finish with excellent gloss and color retention and resistance to: chemicals, moisture, mildew, staining, abrasion, continuous washings, impact and interior industrial environment.

- Meets performance requirements of ASTM D3730
- Corrosion and chemical resistant
- Impact and abrasion resistant
- Flash rust resistant
- Low odor/nonflammable
- Low VOC
- Outstanding application properties

Recommended uses: For use on properly primed structural steel, masonry blocks, concrete, aluminum, drywall, plaster and wood.

With less than 1.74 lb./gal. Volatile Organic Compounds (VOC's) per gallon, this Epoxy Paint is ideal for application in laboratories, pharmaceutical facilities, food & beverage plants, schools and various institutions in which a clean environment is required.

2 components, mix ratio is 4:1, premeasured
Part A Base Component
Part B Semi-Gloss Hardener

Standard Color: Semi-Gloss, White, tints are available

Water Based Catalyzed Epoxy

Model#	Description	Size
CX-5200-1W	Enducryl® Latex Low VOC Paint	1 gallon
CX-5200-5W	Enducryl® Latex Low VOC Paint	5 gallons

Cleanroom Flooring

Antistatic .08 Cleanroom Vinyl Flooring

The homogeneous antistatic flooring is suitable in all heavy traffic commercial applications, and installations requiring sanitary environments, such as hospitals, laboratories, cleanrooms and pharmaceutical factories.

- The most economical all purpose contract commercial flooring.
- Excellent chemical resistance, easy to clean.
- Resistant to bacteria, radioisotopes, mildew and rot, sea water, gasoline, sunlight, oxidation and aging.
- Excellent resistance to abrasion, indentation, dimensional changes, cracking, and repeated flexing.
- High frictional and load bearing properties.

- Thermo-insulating.
- Impact noise and sound reducing.
- Burns, cuts, gouges, scrapes, can be repaired so they are almost invisible

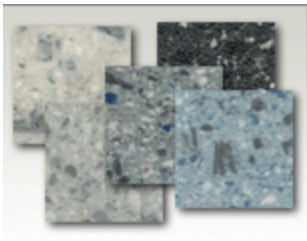


Select Super sheet flooring must be heat welded where smooth, antibacterial, monolithic, moisture and chemical resistant surfaces are required. For ordinary non-wet maintenance schedules welding may be omitted.

Available in 9 shades and custom colors.

Antistatic Cleanroom Vinyl Flooring

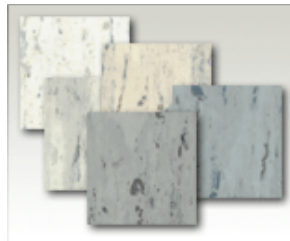
Model#	Description	Size
3986-UNIFLOO	.080 Antistatic Vinyl Flooring	5' rolls



Conductive Vinyl 10⁶ ohms

This semi-gloss vinyl flooring comes in a 54" wide roll and is permanently ESD conductive 10⁶ohms. It comes in a variety of colors. This is a commercial grade floor and is no-wax, 54" wide.

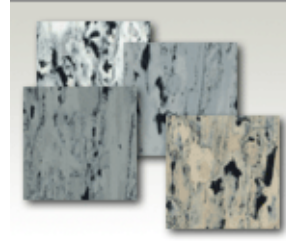
Item#
ESD Euro-Flex



ESD Static Dissipative

This vinyl flooring comes in a 60" wide roll and is dissipative 10⁷ ohms. It comes in a variety of colors. This is a commercial grade floor and is no-wax.

Item#
U78010



Conductive Vinyl 10⁶ ohms

This semi-gloss vinyl flooring comes in a 54" wide roll and is permanently ESD conductive 10⁶ohms. It comes in a variety of colors. This is a commercial grade floor and is no-wax 60" wide.

Item#
Unifloor UC



White Euro-Flex Anti-Stat

This white, smooth finished vinyl flooring is perfect for cleanrooms that do not have ESD requirements. Each 54" wide roll contains vinyl made of commercial grade anti-stat materials that do not require wax.

Item#
FSG 592

Vinyl Flooring Adhesive ESD

Vinyl flooring adhesive for application of all conductive vinyl floors. This troweled on mixture comes in 1 gallon containers which cover 150 ft².

Item#
UZIN-KE2000SL

Vinyl Flooring Adhesive

Vinyl flooring adhesive for application of all vinyl floors. This troweled on mixture covers 150 ft² per gallon (1gallon/pail).

Item#
UZIN-KE2000S

Welding Rods

Welding rods for vinyl flooring, please contact your Innotech representative for the right welding rod for your installation.

Item#
WELDING ROD

Cleanroom Floor Adhesive

Siga Circuit Bridge Tape

Siga Circuit is a narrow 10⁴ohms seam bridging tape.

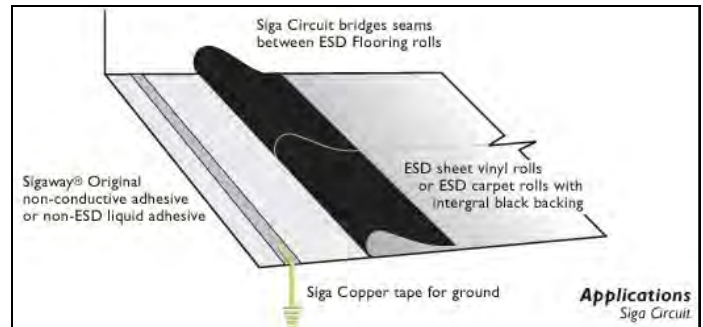
Applications:

When installing ESD conductive rolls of vinyl with fully integral conductive backings, a lower cost alternate installation system may be used: Use lower cost **Sigaway® Original** a non-conductive full surface dry adhesive and bridge the seams between individual full surface conductive backed rolls or pieces of ESD carpet or vinyl rolls. (example ESD Unifloor Static Dissipative U78.

Siga Circuit is applied on top of the **Sigaway® Original** one foot from walls on the entire perimeter of the installation every 30 ft. approx. across the seams, and grounded with **Siga Copper Tape**.

Siga Circuit Tape

Model#	Siga SKU#	Description
Siga Circuit 1	7485-4025	Rolls 1.6" x 82'6" (40mm x 25m, 6 rolls/box)
Siga Circuit 2	7485-20025	Rolls 8" x 82'6" (200mm x 25m, 5 rolls/box)



ESD roll flooring with fully conductive backings are then installed over the **Sigaway®** with **Siga Circuit** adhesive. 8" wide tape is frequently used to electrically bridge loose lay matting head to head or side to side

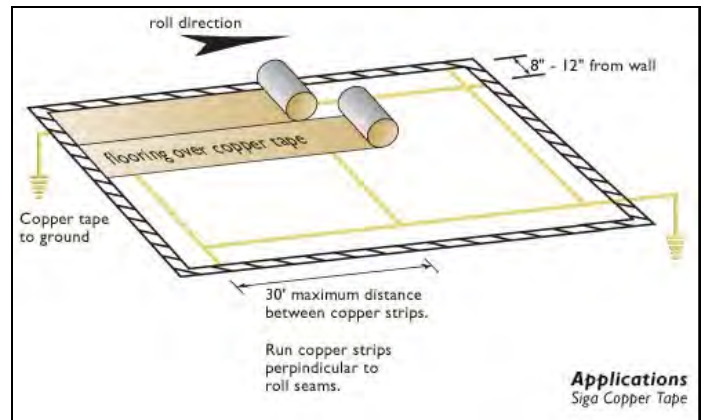
Siga Copper Tape

Siga Copper Tape is a roll of an adhesive backed strip of copper.

Applications:

This tape is used in three different applications:

1. When installing ESD conductive vinyl with water based acrylic adhesive ESD-106, **Siga Copper** tape is applied to clean sub-floors adhesive side down one foot from the walls on the entire perimeter of the installation and every 30 ft. approx. across the seams. Tails of copper tape are provided in a number of locations for connection to ground by electricians. Water based acrylic conductive ESD-106 adhesive is then troweled at the recommended spread rate above the copper tape and ESD flooring is applied.
2. **Siga Copper** tape is used to ground full surface **Sigaway® Electronic** rolls and to seam bridge double cut **Sigaway® Electronic** rolls
3. **Siga Copper** tape is also used to ground **Siga Circuit** strips



Copper Tape

Model#	Description
Siga Copper	.5" x 66 ft. rolls (12mm x 20m)

Cleanroom Floor Adhesive

Siga Roll Adhesive (39.5")

Sigaway® is a full surface textile reinforced double sided self stick roll of flooring adhesive. It is VOC free, free of odors, carcinogens, out-gassing and is totally safe. Available in rolls (39.5" x 82.5')



Item#
Sigaway

ESD Conductive Roll Adhesive

Sigaway® Electronic by Siga is a full surface is a full surface¹⁰ohms textile reinforced ESD conductive double sided self stick roll of flooring adhesive. It is VOC free, free of odors, carcinogens, out-gassing and is totally safe. Available in rolls (39.5" x 82.5')



Item #
Sigaway E

Siga Construction Tape

Siga Construction Tape is a full surface textile reinforced double sided self stick tape. This is used as a reinforcing tape under **Sigaway** self adhesive rolls. It is VOC free, free of odors, carcinogens, out-gassing and is totally safe. Available in a 5 roll box. Each roll is 2" wide x 82.5' long



Item#
Siga C Tape

Roll Adhesive (20")

Sigaway® is a full surface textile reinforced double sided self stick roll of flooring adhesive. It is VOC free, free of odors, carcinogens, out-gassing and is totally safe. Available in a 2 roll box. Each roll is 20" wide (269 sq. ft./roll)

Item#
Sigaway20

Curtains and Strip Doors

NCI can meet all your cleanroom curtain needs with solid and strip curtains. These cleanroom curtains come in clear, frosted or colors: black, white, blue, beige, and grey. Cleanroom curtains come in a selection of materials such as anti-static or static dissipative materials and a variety of thicknesses. Low out gassing cleanroom curtains are available for those critical cleanroom environments. Sliding cleanroom curtains are available in accordion or solid panel designs. Our cleanroom curtains are easily installed with mounting clips to your cleanroom ceilings, T bar grid, or with mounting hardware to

match your application. NCI offers the most economical cleanroom solutions to environmental separation problems such as cold, heat, humidity, dust and noise.

Many of the products listed in this section can be used to achieve compliance of USP 797.



Anti-Static Clear Curtain Panels .040 mil

These Clear Anti-Static Cleanroom Solid Panel Curtain is:

- **.040 mil thick, and made from 48" panels**
- **Heat sealed to make solid curtains**
- **Choice of Flatwall Hookbead or In-Jamb Hookbead curtain mounting**
- **Other mounting options include attachment to ceiling grids by way of a T-Bar Clip**

Part Number Example: 40480-(size)-E

ALSO AVAILABLE IN:

Anti-Static Frosted - Part #40480-90G
Anti-Static Colors Opaque - Part #40480-90D
Polysim (Permanently Static Dissipative) - Part #40480-90B

ANTI-STATIC COLORS OPAQUE:

Black, White

ANTI-STATIC COLORS TINTED:

Amber

Roller tracks are also available. See "Accessories" on B-17.

OTHER LENGTHS FROM 12" TO 180" ARE AVAILABLE. PLEASE CALL YOUR NCI SALES REPRESENTATIVE FOR MORE INFORMATION.

Clear Cleanroom Curtain .040 mil

This Clear Cleanroom Standard Solid Panel Curtain is

- **.040 mil thick, and made from 48" panels**
- **Heat sealed to make solid curtains**
- **Choice of Flatwall Hookbead or In-Jamb Hookbead curtain mounting**
- **Other Mounting Options Include attachment to ceiling grids by way of a T-Bar Clip**

Part Number Example: 40480-(size)-S

ALSO AVAILABLE IN:

Frosted - Part #40480-90G
Colors Opaque - Part #40480-90D

STANDARD COLORS OPAQUE:

Black, White, Blue, Beige, Grey

STANDARD COLORS TINTED:

Amber, Smoke-Grey, Orange

Roller tracks are also available. See "Accessories" on B-17.

OTHER LENGTHS FROM 12" TO 180" ARE AVAILABLE. PLEASE CALL YOUR NCI SALES REPRESENTATIVE FOR MORE INFORMATION.

Curtain and Strip Doors

Polysim 509 Clear Cleanroom Curtain - .040 mil

Polysim 509 is an elastomeric polymer blend of a patented inherently dissipative polymer (IDP) with thermoplastic polyurethane (TPU). The product combines the toughness and flexibility of a TPU with an inherently static dissipative polymer network. This network remains intact though injection molding or extruding, while maintaining the physical properties of a TPU. **Polysim 509** alloys are formulated for permanent and consistent ESD protection without compromising cleanliness.

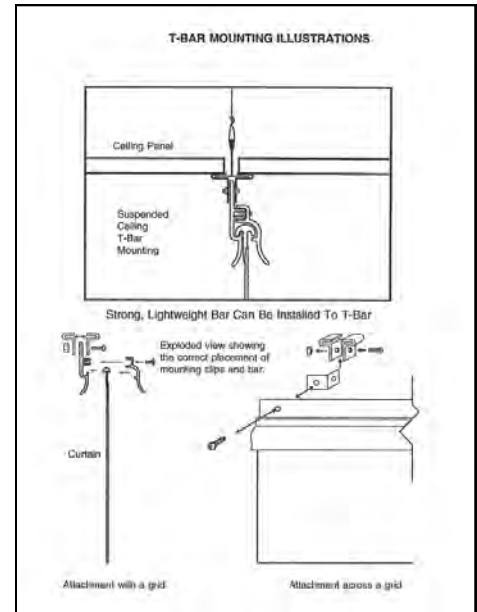
- **.040 mil thick, and made from 48" panels**
- **Permanently static dissipative**
- **Does not require humidity**
- **Ultra-Clean: low off-gassing, low ionics**
- **See-through clarity**
- **No particulates**

Cleanroom Curtains available in these formats, insert code below for X:

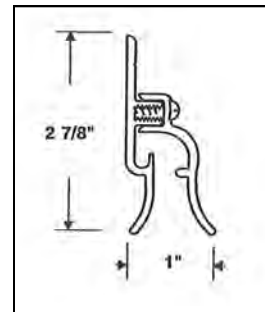
- E = Anti-Static Clear Curtain Panels, .040 mil
- S = Solid Clear Cleanroom Curtain Panels, .040 mil
- B = Polysim Clear Thermoplastic Polyurethane .040 mil
- F = Frosted .040 mil
- G = Antistatic Frosted
- C = Standard Colored
- D = Anti-Static Colored

Available in Heights From 12" to 180"

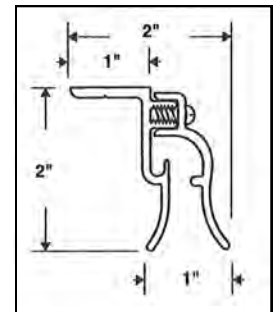
Item#	Description	Curtain Length	Type of Hook Bead Bar
40480-90XI	Cleanroom Curtain .040 mil	90"	In-Jamb
40480-90XF	Cleanroom Curtain .040 mil	90"	Flatwall
40480-96XI	Cleanroom Curtain .040 mil	96"	In-Jamb
40480-96XF	Cleanroom Curtain .040 mil	96"	Flatwall
40480-102XI	Cleanroom Curtain .040 mil	102"	In-Jamb
40480-102XF	Cleanroom Curtain .040 mil	102"	Flatwall
40480-108XI	Cleanroom Curtain .040 mil	108"	In-Jamb
40480-108XF	Cleanroom Curtain .040 mil	108"	Flatwall
40480-114XI	Cleanroom Curtain .040 mil	114"	In-Jamb
40480-114XF	Cleanroom Curtain .040 mil	114"	Flatwall
40480-120XI	Cleanroom Curtain .040 mil	120"	In-Jamb
40480-120XF	Cleanroom Curtain .040 mil	120"	Flatwall



Curtain Accessories



Flat Wall Mounting



In-Jam Mounting

T-Bar Mounting Clips

T-bar mounting clips are available in 1", 1.5" and 2" sizes. Prices per linear foot, to be used with flat wall mounting hardware.

T-Bar Mounting Clips

Item#	Description	Clip Length
1.0CMC	T-Bar Mounting Clips	1"
1.5CMC	T-Bar Mounting Clips	1.5"
2.0CMC	T-Bar Mounting Clips	2"

Curtain Attachment

Item#	Description
CROSSGRIDANGLE	Mounting Angle

Cleanroom Curtains

Strip Curtains

Airblock Strip Systems consist of overlapping individual strips, ideal for dividing cleanrooms, enclosing portable frame systems, conveyor openings or doorways where easy access is required. Simplex has developed patented mountings for fast installation of strip systems. The individual strips are designed to hang straight and maintain their overlaps. Their optional alternating clear and frosted non-stick design makes the **Simplex System** the easiest to walk through. This feature also prevents gaps which cause air loss.

These strip doors, made of 100% virgin vinyl, allow easy entry and exit from your cleanroom. They are available in a variety of styles and thicknesses. We've listed some of the most popular below.

OTHER STYLES AVAILABLE:

Fixed, hanging doors, Bi-folding curtains. Sliding strip sections. Insulated curtains.

Anti Static Clear Strip Door - .060 mil

This Clear Anti-Static Strip Curtain is .

- **.060 mil thick, 90" long, with 12" wide strip, each with a 2" overlap**
- **Choice of Flatwall Hookbead or In-Jamb Hookbead curtain mounting**
- **Other mounting options include attachment to ceiling grids by way of a T-Bar Clip. See "Accessories" - "Mounting Options" on B-16-17**

ALSO AVAILABLE IN:

Anti-Static Frosted
Clear and Frosted on alternate strips
Roller tracks are also available. See "Accessories" on B-17.

OTHER LENGTHS FROM 12" TO 132", THICKNESSES OF .040 and .080 MIL, COLORS AND ADDITIONAL SIZES OF STRIPS AND OVERLAPS ARE ALSO AVAILABLE.

PLEASE CALL YOUR NCI SALES REPRESENTATIVE FOR MORE INFORMATION.

Strip Doors available in the following formats (substitute code below for X):

E = Anti-Static Clear Strip Doors, .060 mil
S = Clear Cleanroom Strip Doors, .060 mil

Clear Strip Door - .060 mil

This Clear Strip Curtain is

- **.060 mil thick, with 12" wide strip, each with a 2" overlap**
- **Choice of Flatwall Hookbead (FWHB) or In-Jamb Hookbead (IJHB) curtain mounting**
- **Other mounting options include attachment to ceiling grids by way of a T-Bar Clip. See "Accessories" - "Mounting Options" on B-16-17**

ALSO AVAILABLE IN:

Frosted
Clear and Frosted on alternate strips
Roller tracks are also available. See "Accessories" on B-17.

OTHER LENGTHS FROM 12" TO 180", THICKNESSES OF .040 and .080 MIL, COLORS AND ADDITIONAL SIZES OF STRIPS AND OVERLAPS ARE ALSO AVAILABLE.

Item#	Description	Curtain Length	Type of Hook Bead Bar
60122-90XI	Strip Door - Clear, .060 mil	90"	In-Jamb
60122-90XF	Strip Door - Clear, .060 mil	90"	Flatwall
60122-96XI	Strip Door - Clear, .060 mil	96"	In-Jamb
60122-96XF	Strip Door - Clear, .060 mil	96"	Flatwall
60122-102XI	Strip Door - Clear, .060 mil	102"	In-Jamb
60122-102XF	Strip Door - Clear, .060 mil	102"	Flatwall
60122-108XI	Strip Door - Clear, .060 mil	108"	In-Jamb
60122-108XF	Strip Door - Clear, .060 mil	108"	Flatwall
60122-114XI	Strip Door - Clear, .060 mil	114"	In-Jamb
60122-114XF	Strip Door - Clear, .060 mil	114"	Flatwall
60122-120XI	Strip Door - Clear, .060 mil	120"	In-Jamb
60122-120XF	Strip Door - Clear, .060 mil	120"	Flatwall

Cleanroom Curtains

Polysim 509 Strip Doors - .040 mil

Polysim 509 is an elastomeric polymer blend of a patented inherently dissipative polymer (IDP) with thermoplastic polyurethane (TPU). The product combines the toughness and flexibility of a TPU with an inherently static dissipative polymer network. This network remains intact though injection molding or extruding, while maintaining the physical properties of a TPU. **Polysim 509** alloys are formulated for permanent and consistent ESD protection without compromising cleanliness.

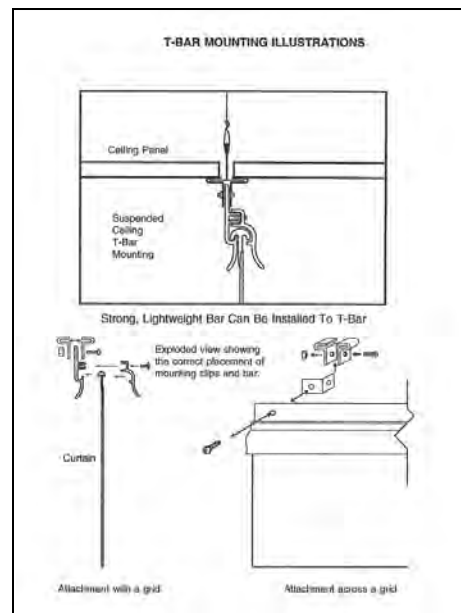
- .040 mil thick, and made from 12" panels
- Permanently static dissipative
- Does not require humidity
- Ultra-Clean: low off-gassing, low ionics
- See-through clarity
- No particulates

Polysim 12" Strip Doors .040

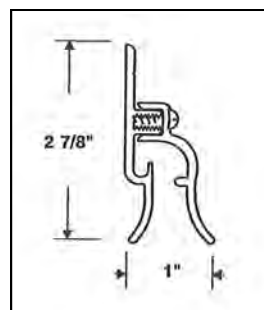
Item##	Description	Curtain Length	Type of Hook Bead Bar
40122-90BI	Strip Door - Clear, .040 mil	90"	In-Jamb
40122-90BF	Strip Door - Clear, .040 mil	90"	Flatwall
40122-96BI	Strip Door - Clear, .040 mil	96"	In-Jamb
40122-96BF	Strip Door - Clear, .040 mil	96"	Flatwall
40122-102BI	Strip Door - Clear, .040 mil	102"	In-Jamb
40122-102BF	Strip Door - Clear, .040 mil	102"	Flatwall
40122-108BI	Strip Door - Clear, .040 mil	108"	In-Jamb
40122-108BF	Strip Door - Clear, .040 mil	108"	Flatwall
40122-114BI	Strip Door - Clear, .040 mil	114"	In-Jamb
40122-114BF	Strip Door - Clear, .040 mil	114"	Flatwall
40122-120BI	Strip Door - Clear, .040 mil	120"	In-Jamb
40122-120BF	Strip Door - Clear, .040 mil	120"	Flatwall

Curtain Attachment

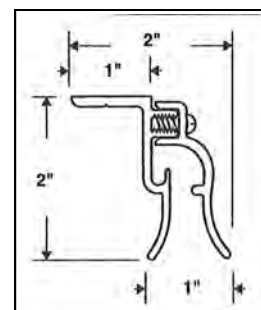
Item#	Description
CROSSGRIDANGLE	Mounting Angle



Curtain Accessories



Flat Wall Mounting



In-Jam Mounting

T-Bar Mounting Clips

T-bar mounting clips are available in 1", 1.5" and 2" sizes. Prices per linear foot, to be used with flat wall mounting hardware.

T-Bar Mounting Clips

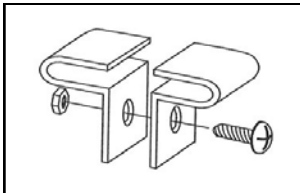
Item#	Description	Clip Length
1.0CMC	T-Bar Mounting Clips	1"
1.5CMC	T-Bar Mounting Clips	1.5"
2.0CMC	T-Bar Mounting Clips	2"

See more Curtain Accessories on B-17

Curtain Accessories

Mounting Options

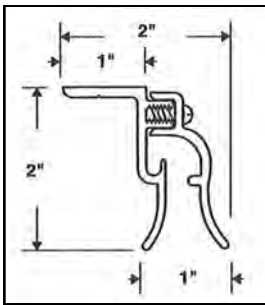
We provide the accessories for any cleanroom curtain or strip door application. See below for a variety of ways to fit your requirements.



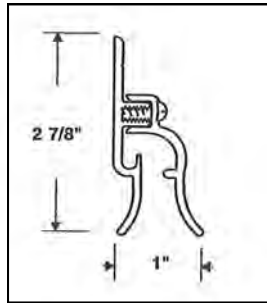
T-Bar Mounting Clip



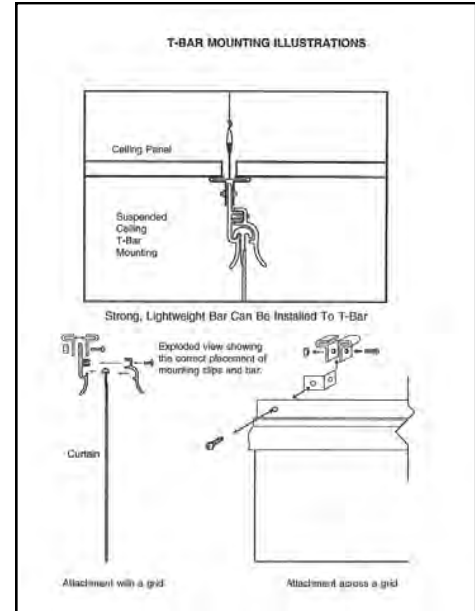
Flat Wall Mounting



In-Jam Mounting



Flat Wall Mounting



T-Bar Instructions

Mounting Options

Item#	Description
1.0, 1.5, 2.0T	T Bar Mounting Clip - 1" , 1.5", or 2"
Flat Wall	Flat Wall Mounting
In-Jamb	In-Jamb Mounting

Heat Sealed Pleats

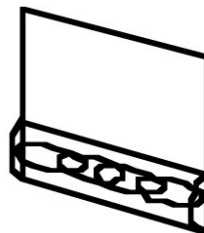
These heat sealed pleats permit tighter compression of the curtain material for sliding track doors. The pleats are made every six, eight, or twelve inches.

Item#	Description
6PLEAT	Heat Sealed Pleats 6"
8PLEATS	Heat Sealed Pleats 8"
12PLEATS	Heat Sealed Pleats 12"

Pocket Hem

A Pocket Hem may be added to the bottom of any pleated or stationary softwall. Priced per linear foot.

Item#	Description
Pocket Hem	Pocket Hem
Pocket Hem w/chain	Pocket Hem with Chain



Pocket Hem with Chain



Heat Sealed Pleats

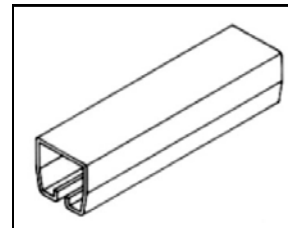
Curtain Accessories

Roller Track & Accessories

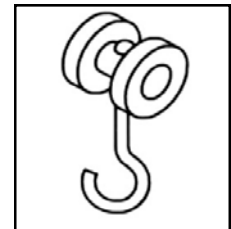
This aluminum roller track allows a solid curtain to be quickly moved aside for easy entrance of equipment or personnel. The curtain for this application has grommets and is attached to the track with a hooked nylon roller. (not included- see below)

Roller Track Accessories

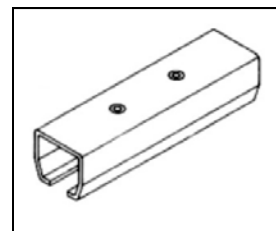
Item#	Description	Material
HP50054-G	Roller Track	Galvanized Steel
HP50054-A	Roller Track	Aluminum
HP50055	Roller Track	Stainless Steel
HP10024	Nylon 1" Hook Wheel	Nylon
HP50056	Track Splice	Galvanized Steel
HP50058	End Stop	Galvanized Steel
HP50060	Wall Mount Brackets	Galvanized Steel
HP50062	Suspension Brackets	Galvanized Steel
HP50064	Threaded Rod Brackets	Galvanized Steel
HP50067	End Mount Brackets	Galvanized Steel
HP50070-G	Radius Track	Galvanized Steel
HP50070-A	Radius Track	Aluminum



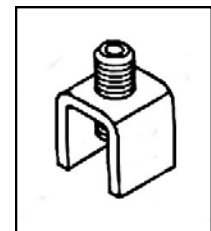
Roller Track



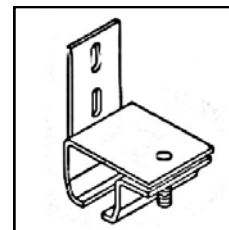
Nylon 1" Hook Wheel



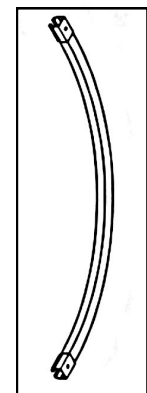
Track Splice



End Stop



Wall Mount Bracket

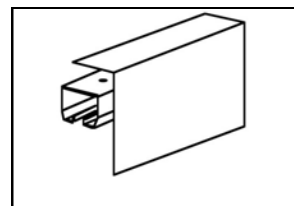


Radius Track

Roller Track Valance

A six inch valance may be installed in conjunction with all roller track applications. The valance is applied to hide the roller track for a more appealing appearance. It also provides better blockage for light and air.

Item
Standard Frosted Valance
Anti-Static Frosted Valance
Anti-Static Opaque Color Valance
Standard Opaque Color Valance
Polysim 509 Frosted Valance



Roller Track Valance

Gowning Room Components

NCI can supply all the cleanroom equipment you need to set up your gowning room. We have a wide selection of gowning benches and cleanroom garment racks, which can be customized. Look no further for cleanroom storage, or cleanroom furniture: shelving, mirrors, sinks, hand dryers and trash cans, these cleanroom items come in many sizes and materials to match your gowning room requirements.

Many of the products listed in this section can be used to achieve compliance of USP 797.



Benches		Lockers	C-11-12
Eagle® Solid S. Steel Gowning Bench	C-2		
Eagle® Gowning Bench w/ Undershelf	C-3	Mirrors	
Series 63 Cleanroom Gowning Bench	C-3	Stainless Steel Channel Frame Mirrors	C-14
Cabinets		Shelving (See Our Shelving Section)	H
Series 91 Storage Cabinet	C-4		
Series 91 HEPA Filtered Cabinet	C-4	Shoe Cleaners (See our Cleaning Supplies Section)	S
Dispensers (See Our Dispenser Section)	J	Sinks	
Gowning Racks		Compartment Sinks	C-16
Wall Mounted Gowning Racks	C-5	Hand Sinks	C-16-17
Free Standing Gowning Racks	C-6-9	Electronic Eye Hand Sinks	C-16
Single Hanger Bar	C-6	Traditional Hand Sinks	C-17
Double Hanger Bar	C-7		
Cantilevered Hanger Bar	C-8	Soap Dispenser	
With Wire Shelving Components	C-9	Wall Mounted/Hands Free Soap Disp.	C-15
Wall Mounted Gowning Racks	C-10-11	Shoe Racks	C-17
Hangers		Waste Receptacles	
Hanger Receptacles	C-13	Open Top Trash Receptacles	C-18
Two Piece Hangers	C-13	Trash Receptacle with Swing Top	C-18
Open Hook Hangers	C-13	Self Closing Trash Receptacles	C-19
Garment Bag	C-13	Trash Receptacles with Wheels/Handle	C-19

Gowning Benches

Eagle® Gowning Benches

These heavy-duty benches by Eagle® include flanged stainless foot plates for convenient attachment to the floor. Available in brushed finish 304 stainless steel or electropolished finish.

Eagle® Solid Stainless Steel Gowning Bench

- 12 gauge type 304 stainless steel top
- Front and rear feature a rolled edge, with ends turned down at 90°.
- 84” Benches come with six legs
- Shipped knocked down

Solid Stainless Steel Gowning Benches

Electropolished Model#	Stainless Steel Model #	Weight		Cubic Feet	Width x Length	
		lbs.	kg		in.	mm
CRB0936EP	CRB0936	33	15.0	5.8	9" x 36"	229 x 914
CRB0948EP	CRB0948	44	20.0	8.2	9" x 48"	229 x 1219
CRB0960EP	CRB0960	55	24.9	11.0	9" x 60"	229 x 1524
CRB0972EP	CRB0972	66	29.9	14.6	9" x 72"	229 x 1829
CRB1236EP	CRB1236	30	13.6	2.0	12" x 36"	305 x 914
CRB1248EP	CRB1248	40	18.1	3.0	12" x 48"	305 x 1219
CRB1260EP	CRB1260	50	22.7	3.6	12" x 60"	305 x 1524
CRB1272EP	CRB1272	60	27.2	4.3	12" x 72"	305 x 1829
CRB1284EP	CRB1284	70	31.8	5.2	12" x 84"	305 x 2134



Gowning Benches

Eagle® Gowning Bench with Standard Undershelf

Available with perforated or solid top. Units come complete with designated top, legs, foot plates, and one wire undershelf (additional wire undershelves and dividers are optional.). 72" units have six legs. Standard undershelf for all 72" Units consist of two wire shelves with "S" hooks All wire undershelves are 14" wide.



Gowning Bench with Undershelf and Perforated Top:

Electropolished Model#	Stainless Steel Model #	Weight lbs. kg		Cubic Feet	Width x Length in. mm	
PCRB1836EP	PCRB1836	38	17.2	4.4	18" x 36"	457 x 914
PCRB1848EP	PCRB1848	43	19.5	5.7	18" x 48"	457 x 1219
PCRB1860EP	PCRB1860	49	22.0	7.1	18" x 60"	457 x 1524
PCRB1872EP	PCRB1872	55	24.9	8.5	18" x 72"	457 x 1829

Gowning Bench with Undershelf and Solid Top:

Electropolished Model#	Stainless Steel Model #	Weight lbs. kg		Cubic Feet	Width x Length in. mm	
CRB1836EP	CRB1836	38	17.2	4.4	18" x 36"	457 x 914
CRB1848EP	CRB1848	43	19.5	5.7	18" x 48"	457 x 1219
CRB1860EP	CRB1860	49	22.0	7.1	18" x 60"	457 x 1524
CRB1872EP	CRB1872	55	25.0	8.5	18" x 72"	457 x 1829

Options:

- Dividers: SD14-4S
- Additional Undershelves:
 - 14" x 36" 1436S
 - 14" x 48" 1448S
 - 14" x 46" 1460S
 (For 72" long gowning bench, two #1436S undershelves needed)

Series 63 Cleanroom Gowning Bench

This cleanroom bench made by **Clean Air Products** has the following features:

- 16 gauge stainless steel frame and gussets
- Adjustable leg leveling glides
- Can be floor mounted
- Optional underneath storage compartments with polypropylene dividers for boots, etc.
- One year warranty



Model#	Description	L" x D" x H"
63-241218	Stainless Steel Gowning Bench	24" x 12" x 18"
63-361218	Stainless Steel Gowning Bench	36" x 12" x 18"
63-481218	Stainless Steel Gowning Bench	48" x 12" x 18"
63-601218	Stainless Steel Gowning Bench	60" x 12" x 18"
63-721218	Stainless Steel Gowning Bench	72" x 12" x 18"
63-841218	Stainless Steel Gowning Bench	84" x 12" x 18"
63-961218	Stainless Steel Gowning Bench	96" x 12" x 18"

Cabinets

We provide HEPA or regular storage cabinets for your cleanroom gowning needs.

Series 91 Storage Cabinet

The Series 91 line of storage cabinets by **Clean Air Products** is designed to meet a variety of cleanroom needs. These storage cabinets are constructed with a welded, 16 gauge cold-rolled steel shell and finished with white baked-enamel paint. The cabinets feature clear acrylic doors with chrome plated handles.

Standard Sizes:

- 36x18x90H
- 36x24x90H
- 48x18x90H
- 48x24x90H

Features:

- All metal construction — no particle board
- Shipped fully assembled
- White baked enamel painted finish
- Clear acrylic doors

Optional:

- Stainless Steel Shell
- Hanger bar



Item#	Description	Size
91-361890	Series 91 Painted Steel Cabinet	36" x 18" x 90"H
91-362490	Series 91 Painted Steel Cabinet	36" x 24" x 90"H
91-481890	Series 91 Painted Steel Cabinet	48" x 18" x 90"H
91-482490	Series 91 Painted Steel Cabinet	48" x 24" x 90"H

Series 91 HEPA Filtered Storage Cabinet

The **Clean Air Products** Series 91 line of HEPA filtered storage cabinets is designed to meet a variety of cleanroom needs. These HEPA filtered storage cabinets are constructed with a welded, 16 Gauge cold-rolled steel shell and finished with white baked-enamel paint. The cabinets feature clear acrylic doors with chrome plated handles.

Features

- HEPA filtered
- All metal construction — no particle board
- Shipped fully assembled
- White baked enamel painted finish
- Clear acrylic doors

Standard Sizes:

- 37x25x95H
- 49x25x95H

These HEPA filtered storage cabinets are custom made to meet your needs.



Item#	Description	Size
91-372595H	Series 91 HEPA Painted Steel Cabinet	37" x 25" x 95"H
91-492595H	Series 91 HEPA Painted Steel Cabinet	49" x 25" x 95"H

Dispensers

Keep your gowning supplies neat and easily accessible in our handy dispensers. See our dispenser section, J, for your gowning room needs.



Gowning Racks

We can provide you with racks and hooks for your gowning room needs.

Wall Mounted Gowning Racks with Hooks

These coat racks are ideal for any application where shelf height is variable. Sixteen gauge formed steel mounting channels with positive clamp inserts provide the convenience of adjustable shelf height. Mounting brackets of 1.125" square steel tubing with .75" round tubular steel self rails. Hook style racks include RE-913 double prong steel butterfly hooks. Hanger style racks have 1" round chrome plated steel hanger poles. Suggest 4 hangers per foot, sold separately. Also available in cut sizes or longer **"Extend-A-Rak"** sizes. Chrome finish. Also available with double shelves.



210 Garment Rack

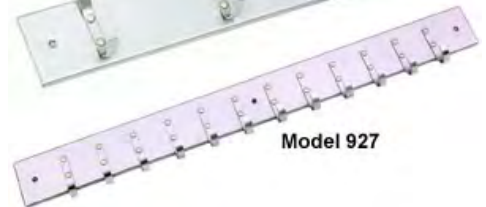
Item#	Description	Size	# Hooks
RE-210-2	Garment Rack	2 ft.	4
RE-210-3	Garment Rack	3 ft.	6
RE-210-4	Garment Rack	4 ft.	8
RE-210-5	Garment Rack	5 ft.	10
RE-210-6	Garment Rack	6 ft.	12
RE-210-7	Garment Rack	7 ft.	14
RE-210-8	Garment Rack	8 ft.	16
RE-913	Chrome Butterfly Hook for 3/4" pole	-	-
RE-926	J Hook Panel Chrome	18 in	6
RE-927	J Hook Panel Chrome	34 in	12
RE-928	Hat & Coat Hook Panel Chrome	18 in	3
RE-928	Hat & Coat Hook Panel Chrome	34 in	6



Model 929



Model 928



Model 927

Free Standing Gowning Racks

With Single Hanger Bar

These racks are designed for efficient storage of garments in the cleanroom. The stainless steel construction offers a non-contaminating surface that eliminates particle shedding. The electropolished models feature electrochemically passivated surfaces for the most demanding requirements. 75" (1905mm) height. Hanger slots are standard 3" (76mm) centers, but other center configurations are available.



Item#	Description	Width x Length	# of Hanger Slots	Hangers	Finish
S2448-SGRN	Gowning Rack w/Single Hanger Bar	24" x 48"	15	Non Removable	Stainless Steel
S2460-SGRN	Gowning Rack w/Single Hanger Bar	24" x 60"	19	Non Removable	Stainless Steel
S2472-SGRN	Gowning Rack w/Single Hanger Bar	24" x 72"	23	Non Removable	Stainless Steel
S2484-SGRN	Gowning Rack w/Single Hanger Bar	24" x 84"	27	Non Removable	Stainless Steel
EP2448-SGRN	Gowning Rack w/Single Hanger Bar	24" x 48"	15	Non Removable	Electropolished
EP2460-SGRN	Gowning Rack w/Single Hanger Bar	24" x 60"	19	Non Removable	Electropolished
EP2472-SGRN	Gowning Rack w/Single Hanger Bar	24" x 72"	23	Non Removable	Electropolished
EP2484-SGRN	Gowning Rack w/Single Hanger Bar	24" x 84"	27	Non Removable	Electropolished
S2448-SGRR	Gowning Rack w/Single Hanger Bar	24" x 48"	15	Removable	Stainless Steel
S2460-SGRR	Gowning Rack w/Single Hanger Bar	24" x 60"	19	Removable	Stainless Steel
S2472-SGRR	Gowning Rack w/Single Hanger Bar	24" x 72"	23	Removable	Stainless Steel
S2484-SGRR	Gowning Rack w/Single Hanger Bar	24" x 84"	27	Removable	Stainless Steel
EP2448-SGRR	Gowning Rack w/Single Hanger Bar	24" x 48"	15	Removable	Electropolished
EP2460-SGRR	Gowning Rack w/Single Hanger Bar	24" x 60"	19	Removable	Electropolished
EP2472-SGRR	Gowning Rack w/Single Hanger Bar	24" x 72"	23	Removable	Electropolished
EP2484-SGRR	Gowning Rack w/Single Hanger Bar	24" x 84"	27	Removable	Electropolished

Free Standing Gowning Rack

With Double Hanger Bar

These racks are designed for efficient storage of garments in the cleanroom. The stainless steel construction offers a non-contaminating surface that eliminates particle shedding. The electropolished models feature electrochemically passivated surfaces for the most demanding requirements. 75" (1905mm) height. Hanger slots are standard 3" (76mm) centers, but other center configurations are available.



Item#	Description	Width x Length	# of Hanger Slots	Hangers	Finish
S2448-DGRN	Gowning Rack w/Double Hanger Bar	24" x 48"	32	Non Removable	Stainless Steel
S2460-DGRN	Gowning Rack w/Double Hanger Bar	24" x 60"	40	Non Removable	Stainless Steel
S2472-DGRN	Gowning Rack w/Double Hanger Bar	24" x 72"	48	Non Removable	Stainless Steel
S2484-DGRN	Gowning Rack w/Double Hanger Bar	24" x 84"	56	Non Removable	Stainless Steel
EP2448-DGRN	Gowning Rack w/Double Hanger Bar	24" x 48"	32	Non Removable	Electropolished
EP2460-DGRN	Gowning Rack w/Double Hanger Bar	24" x 60"	40	Non Removable	Electropolished
EP2472-DGRN	Gowning Rack w/Double Hanger Bar	24" x 72"	48	Non Removable	Electropolished
EP2484-DGRN	Gowning Rack w/Double Hanger Bar	24" x 84"	56	Non Removable	Electropolished
S2448-DGRR	Gowning Rack w/Double Hanger Bar	24" x 48"	32	Removable	Stainless Steel
S2460-DGRR	Gowning Rack w/Double Hanger Bar	24" x 60"	40	Removable	Stainless Steel
S2472-DGRR	Gowning Rack w/Double Hanger Bar	24" x 72"	48	Removable	Stainless Steel
S2484-DGRR	Gowning Rack w/Double Hanger Bar	24" x 84"	56	Removable	Stainless Steel
EP2448-DGRR	Gowning Rack w/Double Hanger Bar	24" x 48"	32	Removable	Electropolished
EP2460-DGRR	Gowning Rack w/Double Hanger Bar	24" x 60"	40	Removable	Electropolished
EP2472-DGRR	Gowning Rack w/Double Hanger Bar	24" x 72"	48	Removable	Electropolished
EP2484-DGRR	Gowning Rack w/Double Hanger Bar	24" x 84"	56	Removable	Electropolished

Free Standing Gowning Racks

With Cantilevered Hanger Bar

These racks are designed for efficient storage of garments in the cleanroom. The stainless steel construction offers a non-contaminating surface that eliminates particle shedding. The electropolished models feature electrochemically passivated surfaces for the most demanding requirements. 75" (1905mm) height. Hanger slots are standard 3" (76mm) centers, but other center configurations are available.



Item#	Description	Width x Length	# of Hanger Slots	Hangers	Finish
S2448-CGRN	Gowning Rack w/Cantilevered Hanger Bar	24" x 48"	16	Non Removable	Stainless Steel
S2460-CGRN	Gowning Rack w/Cantilevered Hanger Bar	24" x 60"	20	Non Removable	Stainless Steel
S2472-CGRN	Gowning Rack w/Cantilevered Hanger Bar	24" x 72"	24	Non Removable	Stainless Steel
S2484-CGRN	Gowning Rack w/Cantilevered Hanger Bar	24" x 84"	28	Non Removable	Stainless Steel
EP2448-CGRN	Gowning Rack w/Cantilevered Hanger Bar	24" x 48"	16	Non Removable	Electropolished
EP2460-CGRN	Gowning Rack w/Cantilevered Hanger Bar	24" x 60"	20	Non Removable	Electropolished
EP2472-CGRN	Gowning Rack w/Cantilevered Hanger Bar	24" x 72"	24	Non Removable	Electropolished
EP2484-CGRN	Gowning Rack w/Cantilevered Hanger Bar	24" x 84"	28	Non Removable	Electropolished
S2448-CGRR	Gowning Rack w/Cantilevered Hanger Bar	24" x 48"	16	Removable	Stainless Steel
S2460-CGRR	Gowning Rack w/Cantilevered Hanger Bar	24" x 60"	20	Removable	Stainless Steel
S2472-CGRR	Gowning Rack w/Cantilevered Hanger Bar	24" x 72"	24	Removable	Stainless Steel
S2484-CGRR	Gowning Rack w/Cantilevered Hanger Bar	24" x 84"	28	Removable	Stainless Steel
EP2448-CGRR	Gowning Rack w/Cantilevered Hanger Bar	24" x 48"	16	Removable	Electropolished
EP2460-CGRR	Gowning Rack w/Cantilevered Hanger Bar	24" x 60"	20	Removable	Electropolished
EP2472-CGRR	Gowning Rack w/Cantilevered Hanger Bar	24" x 72"	24	Removable	Electropolished
EP2484-CGRR	Gowning Rack w/Cantilevered Hanger Bar	24" x 84"	28	Removable	Electropolished

Free Standing Gowning Racks

With Wire Shelving Components

We offer gowning racks that incorporate wire shelving components with specially designed gown storage options. They offer a more economical rack option in less demanding environments with chrome plated steel as well as electropolished stainless steel models. 86" (2184mm) height.

Options for Hangers are as follows:

- **With Hanger Slots:** Hanger slots on standard 2.5" centers. Custom spacing available. Prices do not include hangers.

- **Optional Keeper Bars:** Makes Hangers Non-Removable
- **With Hooks:** Hooks on all four shelf sides are spaced on 1.5" centers and are staggered 1" vertically hook-to-hook for ease of access.
- **With Hanger Tube:** Convenient for storage of lab coats, uniforms and garments. Features 1" diameter tubular bar which easily mounts to underside of wire shelf. facilitates laminar flow.



Gowning Rack with Hooks & Undershelf



H Frame Gowning Rack with Hanger Tube



C-Frame Gowning Rack with Hanger Slots

Item#	Description	Width x Length	# of Hanger Slots	Finish
C2448-GR	Gowning Racks w/Hanger Slots	24" x 48"	17	Chrome
C2460-GR	Gowning Racks w/Hanger Slots	24" x 60"	22	Chrome
C2472-GR	Gowning Racks w/Hanger Slots	24" x 72"	27	Chrome
EP2448-GR	Gowning Racks w/Hanger Slots	24" x 48"	17	Electropolished
EP2460-GR	Gowning Racks w/Hanger Slots	24" x 60"	22	Electropolished
EP2472-GR	Gowning Racks w/Hanger Slots	24" x 72"	27	Electropolished
KB48-C	Keeper Bar for Hanger Slots	48" L	17	Chrome
KB60-C	Keeper Bar for Hanger Slots	60" L	22	Chrome
KB72-C	Keeper Bar for Hanger Slots	72" L	27	Chrome
KB48-EP	Keeper Bar for Hanger Slots	48" L	17	Electropolished
KB60-EP	Keeper Bar for Hanger Slots	60" L	22	Electropolished
KB72-EP	Keeper Bar for Hanger Slots	72" L	27	Electropolished
C1448-GRH	Gowning Rack w/Hooks	14" x 48"	72	Chrome
C1460-GHR	Gowning Rack w/Hooks	14" x 60"	88	Chrome
C1472-GRH	Gowning Rack w/Hooks	14" x 72"	104	Chrome
EP1448-GRH	Gowning Rack w/Hooks	14" x 48"	72	Electropolished
EP1460-GRH	Gowning Rack w/Hooks	14" x 60"	88	Electropolished
EP1472-GRH	Gowning Rack w/Hooks	14" x 72"	104	Electropolished
C2448-GRT	Gowning Rack w/Hanger Tube	24" x 48"	N/A	Chrome
C2460-GRT	Gowning Rack w/Hanger Tube	24" x 60"	N/A	Chrome

Wall Mounted Gowning Racks

When space management is critical, we offer three wall mounted options for garment storage. Comes with open wire top shelf for laminar flow. Economical models are available in chrome plated steel, in addition to electropolished stainless steel. Hanger are not included.

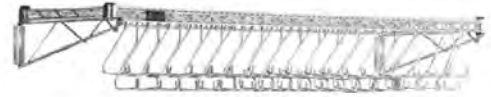
Many combinations of Wall Mounted Gowning Racks are available.

Choices are:

- **With Electropolished Hanger Slots**, Hanger slots on 2.5" centers.
- Hanger Slots can come with **Optional Keeper Bars**, makes hangers non-removable.
- **With Electropolished Hooks**
- **With Stainless Steel Hanger Tube**



Gowning Rack with Hanger Slots



Wall Mounted Rack with Hooks



Wall Mounted Rack with Hanger Tube

Item#	Description	Width x Length	# of Hanger Slots	Finish
EP2448-WGR	Gowning Rack w/Hanger Slots	24" x 48"	167	Electropolished
EP2460-WGR	Gowning Rack w/Hanger Slots	24" x 60"	22	Electropolished
EP2472-WGR	Gowning Rack w/Hanger Slots	24" x 72"	27	Electropolished
C2448-WGR	Gowning Rack w/Hanger Slots	24" x 48"	17	Chrome
C2460-WGR	Gowning Rack w/Hanger Slots	24" x 60"	22	Chrome
KB48-EP	Keeper Bar for Hanger Slots	48" L	17	Electropolished
KB60-EP	Keeper Bar for Hanger Slots	60" L	22	Electropolished
KB72-EP	Keeper Bar for Hanger Slots	72" L	27	Electropolished
KB48-C	Keeper Bar for Hanger Slots	48" L	17	Chrome
KB60-C	Keeper Bar for Hanger Slots	60" L	22	Chrome
KB72-C	Keeper Bar for Hanger Slots	72" L	27	Chrome
EP1448-WGRH	Gowning Rack w/Hooks	14" x 48"	30	Electropolished
EP1460-WGRH	Gowning Rack w/Hooks	14" x 60"	38	Electropolished
EP1472	Gowning Rack w/Hooks	14" x 72"	46	Electropolished
C1448-WGRH	Gowning Rack w/Hooks	14" x 48"	30	Chrome
C1460-WGRH	Gowning Rack w/Hooks	14" x 60"	38	Chrome
C1472-WGRH	Gowning Rack w/Hooks	14" x 72"	46	Chrome
S1848-WGRT	Gowning Rack w/Hanger Tube	18" x 48"	N/A	Stainless Steel
S1860-WGRT	Gowning Rack w/Hanger Tube	18" x 60"	N/A	Stainless Steel

Wall Mounted Gowning Racks

Solid Stainless Steel Shelves, Wall Mounted with Utility Rack

These solid stainless steel shelves are a 16 gauge type 430 shelf with type 304 stainless steel pot rack. There is a 1.5" roll on front and a 1.5" upturn on rear ends.



Item#	Description	Width x Length
WSP1236	Solid Stainless Steel 12" Shelves	12" x 36"
WSP1248	Solid Stainless Steel 12" Shelves	12" x 48"
WSP1260	Solid Stainless Steel 12" Shelves	12" x 60"
WSP1272	Solid Stainless Steel 12" Shelves	12" x 72"
WSP1284	Solid Stainless Steel 12" Shelves	12" x 84"
WSP1296	Solid Stainless Steel 12" Shelves	12" x 96"
WSP12108	Solid Stainless Steel 12" Shelves	12" x 108"
WSP12120	Solid Stainless Steel 12" Shelves	12" x 120"
WSP12132	Solid Stainless Steel 12" Shelves	12" x 132"
WSP12144	Solid Stainless Steel 12" Shelves	12" x 144"

Lockers

Selecting a Locker

- How Many Locker Openings are Required?** Determine the number of people that need a locker, and the amount of space available for installation.
- Locker Opening Size Needed.** Consider what will be stored in the lockers, and their size. A one tier locker may be used for full length uniforms and coats, a 6-tier locker may be used to secure purses and lunch boxes.
- Style of Locker** Once size needed is determined, consider other factors like do the lockers need to be ventilated for visibility or air circulation? Do you need slope tops, end panels, or base plates?
- Installation** - Lockers are available unassembled, or set up and all-welded. Time and ease of installation may determine what is best for you.

Other Considerations:

Base Plates - for enclosing the opening between legs of lockers.

Slope Tops - for keeping items off tops of lockers.

End Panels - some styles require end panels to finish off sections of lockers.

See next page for our locker selection.



Lockers

One Tier Lockers

These lockers include upper hat shelf, and are full length. **For unassembled lockers** specify colors: (03) burgundy, (11) green mist, (19) marine blue, (21) putty, (27) gray. **For set-up lockers** specify color: (91) green mist, (93) putty, (95) gray, (96) burgundy, (98) marine blue. (For unassembled models, colors (19) marine blue, (21) putty, and (27) gray are in stock. Others come from factory.)

Hasp/pull handles accept padlocks, mounted combination locks or keyed locks.

Other sizes and colors available, call **NCI** for more information. .



One Tier(x3w) 3 Tier (x3w)

One Tier Lockers, One Locker Wide (1 opening per unit)

Item#	Description	Opening WxDxH	Overall Height
57956-T	One Tier Locker (1 wide)	12" x 12" x 60"	66"
57957-T	One Tier Locker (1 wide)	12" x 15" x 60"	66"
57958-T	One Tier Locker (1 wide)	12" x 18" x 60"	66"
57736-T	One Tier Locker (1 wide)	12" x 12" x 72"	78"
57737-T	One Tier Locker (1 wide)	12" x 15" x 72"	78"
57738-T	One Tier Locker (1 wide)	12" x 18" x 72"	78"

One Tier Lockers, Three Lockers Wide (3 openings per unit)

Item#	Description	Opening WxDxH	Overall Height
57959-T	One Tier Locker (3 wide)	12" x 12" x 60"	66"
57960-T	One Tier Locker (3 wide)	12" x 15" x 60"	66"
57961-T	One Tier Locker (3 wide)	12" x 18" x 60"	66"
57746-T	One Tier Locker (3 wide)	12" x 12" x 72"	78"
57747-T	One Tier Locker (3 wide)	12" x 15" x 72"	78"
57748-T	One Tier Locker (3 wide)	12" x 18" x 72"	78"

Premium 3-Tier and 6-Tier Steel Lockers

- **Three Tier:** 16 gauge steel door and frame, 24 gauge steel body
- **Six Tier:** 18 gauge steel door and frame, 24 gauge steel body
- **Unassembled and set-up options**
- **One-piece stainless steel recessed handle** on one, two and three tier; six tier has single-point locking padlock hasp/pull
- **Continuous piano hinge**

Three Tier Lockers and Six Tier Lockers

Package includes ceiling hook. **For unassembled lockers** specify color: (03) burgundy, (11) green mist, (19) marine blue, (21) putty, (27) gray. **For set-up lockers** specify color: (91) green mist, (93) putty, (95) gray, (96) burgundy, (98) marine blue. (For unassembled models, colors (19) marine blue, (21) putty, and (27) gray are in stock. Others come from factory.)

Number plates are included; specify number at time of order.

3 Tier Lockers, 1 Unit Wide and 3 Units Wide (9 openings per unit)

Item#	Description	Opening WxDxH	Overall Height
57755-T	3 Tier Lockers, 1 Unit Wide	12" x 12" x 24"	78"
57756-T	3 Tier Lockers, 1 Unit Wide	12" x 15" x 24"	78"
57757-T	3 Tier Lockers, 1 Unit Wide	12" x 18" x 24"	78"
57758-T	3 Tier Lockers, 9 Per Unit	12" x 12" x 72"	78"
57759-T	3 Tier Lockers, 9 Per Unit	12" x 15" x 72"	78"
57760-T	3 Tier Lockers, 9 Per Unit	12" x 18" x 72"	78"

6-Tier Lockers, 1 Unit Wide or 3 Units Wide (18 openings per unit)

Item#	Description	Opening WxDxH	Overall Height
57761-T	6-Tier Lockers, 1 Unit Wide	12" x 12" x 12"	78"
57763-T	6-Tier Lockers, 1 Unit Wide	12" x 15" x 12"	78"
57768-T	6-Tier Lockers, 1 Unit Wide	12" x 18" x 12"	78"
57771-T	6-Tier Lockers, 18 Per Unit	12" x 12" x 12"	78"
57773-T	6-Tier Lockers, 18 Per Unit	12" x 15" x 12"	78"
57784-T	6-Tier Lockers, 18 Per Unit	12" x 18" x 12"	78"

Decorative Side Panels Attach 18 ga. finished end panels over exposed row ends for a smooth finished look. Specify color: (03) burgundy, (11) green mist, (19) marine blue

Item# 57639-T Size: 12" x 72"
Item# 57663-T Size: 15" x 72"
Item# 57665-T Size: 18" x 72"

Hangers

We carry acrylic, stainless steel, and anodized aluminum hangers to protect your gowning room from contamination.

Item#	Description
954	Hanger with Ball Hook, Plastic. Requires receptacle 969 or 974
966	Hanger with Open Hook, Chrome.
967	Hanger with Closed Hook, Chrome



#954 Plastic Hanger

#966 Chrome Hanger



#967 Hanger

Hanger Receptacles

Item#	Description
969-C	Hanger Receptacle, Plated Steel for Ball Hook Type Hangers
974-1-C	Hanger Receptacle, Plated Steel, for Ball Hook Style Hanger



#969 Hanger Receptacle

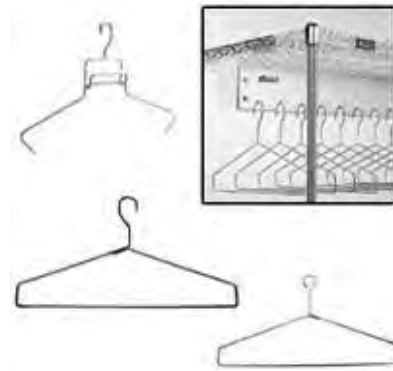


#974 Hanger Receptacle

Two Piece Hangers

For use with non-removable hanger models. The top component is affixed to the gowning rack, while the bottom component is removable for convenient mounting of the garment. These hangers discourage removal from the gowning area.

Item#	Description
TPH-C	Two Piece Hangers, Chrome
TPH-S	Two Piece Hangers, Stainless Steel
TPH-EP	Two Piece Hanger, Electropolished

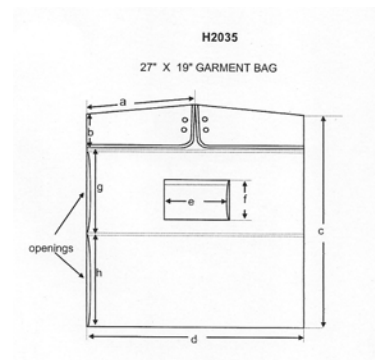


Open Hook Hangers

Item#	Description
OLH-S	Open Hook Hanger, Stainless Steel
OLH-EP	Open Hook Hanger, Electropolished

Garment Bag

Item#	Description	Size
HT-H2035	Garment Bag	19"W x 27"H
HT-H2040	Garment Bag	19"W x 19"H
HT-H2041	Garment Bag	19"W x 25"H
HT-H2042	Garment Bag	19"W x 30"H
HT-H2057	Garment Bag	18.5"W x 17.73"H



Mirrors

We can provide you with a variety of sizes in high quality cleanroom mirrors.

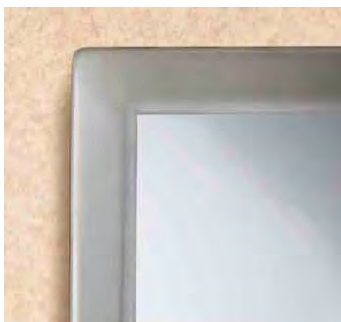
Stainless Steel Channel or Welded Frame Mirror

These **Channel Frame Mirrors** are fabricated of stainless steel 22 gauge (.8mm) one piece roll formed channel 1/2" (13mm) x 1/2" (13mm), with mitered corners. Frame is polished to a bright finish and has a removable protected vinyl coating. Back panel is fabricated of galvanized steel with lock tab and slots formed to receive wall hanger tabs. Shock absorbing material is placed between mirror and back panel. Mirror glass is first quality, electrolytic copper back, 1/4" (6mm) plate/float glass. Guaranteed against silver spoilage for 25 years. Meets and exceeds federal specifications DD-M-00411B & C.S. 27.

The **Welded Frame Mirrors** are fabricated from one piece roll formed 5/8", 5/8" (16 x 16mm) welded-frame. Type 304 stainless steel with satin finish. Corners are welded, ground and polished smooth. First quality, 1/4" (6mm) plate float glass, guaranteed against silver spoilage for 25 years. Galvanized steel back. Meets federal specifications DD-M-00411B & C.S. 27.



Channel Frame Mirror



Welded Frame Mirror

Channel Frame	Welded Frame	Width x Height
C-12 x 16	A-12 x 16	12"W x 16"H
C-14 x 20	A-12 x 20	14"W x 20"H
C-16 x 20	A-16 x 20	16"W x 20"H
C-16 x 22	A-16 x 22	16"W x 22"H
C-16 x 24	A-16 x 24	16"W x 24"H
C-16 x 30	A-16 x 30	16"W x 30"H
C-18 x 24	A-18 x 24	18"W x 24"H
C-18 x 32	A-18 x 32	18"W x 32"H
C-18 x 36	A-18 x 36	18"W x 36"H
C-18 x 60	A-18 x 60	18"W x 60"H
C-20 x 30	A-20 x 30	20"W x 30"H
C-20 x 36	A-20 x 36	20"W x 36"H
C-20 x 60	A-20 x 60	20"W x 60"H
C-24 x 36	A-24 x 36	24"W x 36"H
C-24 x 48	A-24 x 48	24"W x 48"H
C-24 x 60	A-24 x 60	24"W x 60"H
C-24 x 72	A-24 x 72	24"W x 72"H
C-36 x 48	A-36 x 48	36"W x 48"H
C-36 x 60	A-36 x 60	36"W x 60"H
C-36 x 72	A-36 x 72	36"W x 72"H
C-42 x 30	A-42 x 30	42"W x 30"H

Shelving

We carry chrome and stainless steel shelving for your gowning room requirements. See our Wire Shelving Section pp H-2-29. You will find a full array of shelves, wire carts, casters and many other accessories.



Shoe Cleaners

See our Cleanroom Cleaning Supplies Section on pp S-23 for Shoe Cleaners with either an internal vacuum. Pictured here, Shoe Cleaner with Internal Vacuum System.



Soap Dispensers

M-Zone™ MicroDispenser™

The **Micronova™ MicroDispenser** is a compact, gravity fed, touch free dispensing unit. With no tubes or pump assembly, it reduces cross-contamination and waste. This dispenser is battery operated, and compatible with Micronova's entire handcare line. When the electronic beam is broken by a hand passing under the unit, the soap is dispensed.

Item# MN-ICDISP-3





Sinks

Compartment Sinks

- We offer a wide range of stainless steel sinks for your gowning room convenience. Available in One, Two, Three or Four Compartments Sinks
- Deep drawn seamless covered corner sink bowls of all units have a generous radius and are rectangular for maximum capacity.
- Available with or without drain board
- Many different bowl sizes available

Call us at **888-270-0458** for product information, and availability.



Hand Sinks

Electronic Hand Sink with Spout, Electronic Eye, and Polymer Drain with Overflow

Ideal for conserving water and minimizing contamination. Electronic "eye" sensor beam activates water flow. Sensor beam adjusts from 3" to 12". Requires 120-volt, 15-amp electricity. 12-volt adapter included. All hand sinks feature splash mount gooseneck spout

Features:

- Includes spout, electronic eye, and polymer lever drain with overflow
- 10"W x 14"H x 5"D

Item# **HSA-10-FOE**



Electronic Hand Sink with Spout, Electronic Eye, and Basket Drain

Electronic Hand Sinks -AC Power

Ideal for conserving water and minimizing contamination. Electronic "eye" sensor beam activates water flow. Sensor beam adjusts from 3" to 12". Requires 120-volt, 15-amp electricity. 12-volt adapter included. All hand sinks feature splash mount gooseneck spout.

Features:

- Includes spout, electronic eye, and basket drain
- 9.75"W x 13.5"H x 6.75"D

Item# **HSA-10-FE**

Hand Sinks

Traditional Sink with Faucet, P-Trap, Tail Piece, and Basket Drain

Cleanest sinks in the industry. All sinks are wall mountable. Deep-drawn seamless design. Positive drain. 304 stainless steel. Drain included on all models. Splash mount gooseneck faucet included on all models.

Features:

- Includes faucet, p-trap, tail piece, and basket drain
- 9.75"W x 13.5"H x 6.75"D

Item # HSA-10-SA



Traditional Sink with Faucet, Polymer Lever Drain

Cleanest sinks in the industry. All sinks are wall mountable. Deep-drawn seamless design. Positive drain. 304 stainless steel. Drain included on all models. Splash mount gooseneck faucet included on all models.

Features:

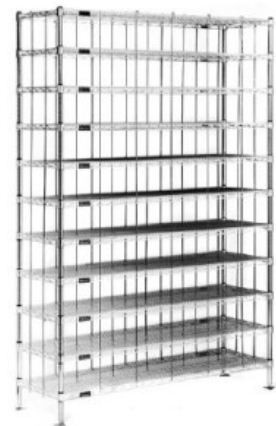
- Includes faucet and polymer lever drain
- 10"W x 14"H x 5"D

Item # HSA-10-FL



Shoe Racks

Wire shelves offer the optimum combination of laminar flow and ventilation for the storage of cleanroom shoes. Rods & tabs run through the shelves to create the cubbies for each pair of shoes. Optional snap-on plastic shelf markers are available for identification of each cubby. Shoe racks may be configured in chrome plated steel as well as electropolished stainless steel. Footplates are included for fastening to the floor. 86" post height.



Item#	Description	Size	# of Cubbies
SR1460C	Shoe Rack, Chrome Plated	14" x 60"	60
SR1472C	Shoe Rack, Chrome plated	14" x 72"	80
SR1460S	Shoe Rack, Stainless Steel	14" x 60"	60
SR1472S	Shoe Rack, Stainless Steel	14" x 72"	80



Waste Receptacles

Wall Mounted Steel Waste Receptacle

Waste can, wall mounted, 19" wide x 39" high x 8" deep, self-closing push door with concealed latch permits front to swing open for easy maintenance. Baked enamel finish. Complete with 12 gallon galvanized steel (GL). Mounting hardware included

Item # UM-200GL

Open Top Trash Receptacles

Open top design. Broad base design for greater stability and more. Vinyl bumpers protect walls while nylon glides prevent damage to floors. Equipped with steel retainer bands (RB) to hold a poly bag securely out of sight.

Rigid Plastic Liners available for all models, call for more information.

Item#	Description	Size
UM-B1414SSRB	Trash Receptacle, Open Top	14 gallon, 14" square, 21"H
UM-B1424SSRB	Trash Receptacle, Open Top	24 gallon, 14" square, 30"H
UM-B1940SSRB	Trash Receptacle, Open Top	40 gallon, 19" square, 30" H

Trash Receptacle with Swing Top

This waste can made of stainless steel has a hinged top with self closing, springless dual entry opening door. Broad base design for greater stability and more. Vinyl bumpers protect walls while nylon glides prevent damage to floors, Equipped with steel retainer bands (RB) to hold a poly bag securely out of sight. Rigid Plastic Liners available for all models, call for information.



Item#	Description	Metal	Size
UM-T1940SS-R	Trash Receptacle	Stainless Steel	40 gallon, 19" square, 38"H

Waste Receptacles

Self Closing Trash Receptacles

These Trash Receptacles are made of either non-magnetic stainless steel or heavy gauge galvanized steel (in white or red). They are self-closing, and have overlapping contoured lids which provides odor and infection control. Positive leverage foot pedal action permits no-hands operation. Broad base design for greater stability and more . Vinyl bumpers protect walls while steel legs with nylon glides to prevent damage to floors. Equipped with steel retainer bands (RB) to hold a poly bag securely out of sight. Rigid Plastic Liners available for all models, call for more information.



Item#	Description	Metal	Size
UM-ST3.5EWHG	Self Closing Trash Receptacle	White Enameled Steel	3.5 gallon, 11" diameter, 17"H
UM-ST3.5EWHP	Self Closing Trash w/Steel Lid	White Enameled Steel	3.5 gallon, 11" diameter, 17"H
UM-ST3.5SSGL	Self Closing Trash Receptacle	Stainless Steel	3.5 gallon, 11" diameter, 17"H
UM-ST3.5SSPL	Self Closing Trash Receptacle	Stainless Steel	3.5 gallon, 11" diameter, 17"H
UM-ST5EGLWH	Self Closing Trash Receptacle	White Enameled Steel	5 gallon, 11" diameter, 22"H
UM-ST7ERBWH	Self Closing Trash Receptacle	White Enameled Steel	7 gallon, 12" square, 17"H
UM-ST7SSRB	Self Closing Trash Receptacle	Stainless Steel	7 gallon, 12" square, 17"H
UM-ST12ERBWH	Self Closing Trash Receptacle	White Enameled Steel	12 gallon, 12" square, 23"H
UM-ST12SSRB	Self Closing Trash Receptacle	Stainless Steel	12 gallon, 12" square, 23"H
UM-ST24ERBWH	Self Closing Trash Receptacle	White Enameled Steel	24 gallon, 15" square, 30"H
UM-ST24SSRB	Self Closing Trash Receptacle	Stainless Steel	24 gallon, 15" square, 30"H
UM-ST40ERBWH	Self Closing Trash Receptacle	White Enameled Steel	40 gallon, 19" square, 30"H
UM-ST40SSRB	Self Closing Trash Receptacle	Stainless Steel	40 gallon, 19" square, 30"H

Code Information for above:

GL-Galvanized Liner; RB-Retainer Bands Only; PL-Plastic Liner; WH-White Custom labeling options available, call for information

Trash Receptacles with Wheels and Handle

Waste can, 40 gallon 19" square x 30" high, with wheels and handle for easy relocation of unit. Self-closing, overlapping contoured lid provides odor and infection control. Positive leverage foot pedal action permits no-hands operation. Broad base design for greater stability and more . Vinyl bumpers protect walls. Equipped with steel retainer bands (RB) to hold a poly bag securely out of sight.

Rigid Plastic Liners available for all models, call for information.

Item#	Description	Metal	Size
UM-ST40EWRBW	Self Closing Trash Receptacle w/Handle & Wheels	White Enameled Steel	40 gallon, 19" square, 30"H
UM-ST40SWRB	Self Closing Trash Receptacle w/Handle & Wheels	Stainless Steel	40 gallon, 19" square, 30"H

Air Showers, Fume Hoods, Clean Benches



Series 701 Air Showers	D-2
Series 201 Horizontal Flow Clean Bench	D-3
Series 204 Horizontal Flow Clean Bench	D-3
Series 301 Horizontal Laminar Flow Workstation	D-4
Series 416 Vertical Laminar Flow Clean Room Benches	D-4
Series 303 Horizontal Laminar Flow Workstation	D-5
Series 305 Horizontal Laminar Flow Workstation	D-5
Series 412 Vertical Flow Clean Bench	D-6
Series 417 Vertical Laminar Flow Clean Bench	D-6
Vertical Flow Table Top Clean Benches	D-7
Ducted Exhaust Hood	D-8
Series 1411 Fume Hood	D-8
Portable Fume-Particle Extractor	D-9
Balance Enclosure	D-10
Series 130 Horizontal Laminar Flow Wall Module	D-10

Air Showers

Series 701 Clean Room Air Shower

Clean Room Air Showers by Clean Air Products serve to protect your cleanroom environment from unwanted contamination. Clean garments become contaminated during the gowning/undressing process, general use, and because of high traffic in the gowning area. The contamination problem is amplified when the same garment is worn several times or is taken on and off numerous times during the day.

The **Series 701 Clean Room Air Shower** is a fast and effective method of removing this surface contamination; contamination that will otherwise be carried directly to your cleanroom and deposited on your product and critically clean areas by sloughing off from the surface of the garments.

The **Clean Room Air Shower** is quality constructed using heavy gage painted steel (no particle board) to minimize particle generation. The air shower provides air flow of approximately 1900 CFM through 32 adjustable nozzles yielding a 7800 LFPM nozzle air velocity with optional 9100 velocities.

The air shower has a knock-down design that allows ease-of-installation and flexibility in use. The air shower can be shipped knocked down or completely assembled. When the air shower shipped knocked down, all parts will fit through a standard door.

All service to the blower, motor and filters is done from inside the air shower. The air shower also offers an optional design that allows all the installation assembly to be done from inside the air shower.

Air showers are available in a variety of sizes and shapes to provide a cleaning system to meet your specific application. Special configuration Air Showers can be built to meet your needs. **Contact NCI for more information.**



Straight Thru Standard Profile Air Showers

- Straight path through the air shower
- 116 inch overall height
- Fits under a 10 foot ceiling
- Service access from inside the air shower
- Smaller footprint than Low Profile air shower



90-Degree Standard Profile Air Showers

- Turning path through the air shower
- 116 inch overall height
- Fits under 10 foot ceiling
- Service access from inside the air shower
- Smaller footprint than Low Profile air shower



3-Door Standard Profile Air Showers

- Straight and Turning path through the air shower
- 116 inch overall height
- Fits under a 10 foot ceiling
- Service access from inside the air shower
- Smaller footprint than Low Profile air shower



Low Profile Air Showers

- 95 inch overall height
- Fits under an 8 foot ceiling
- Service access from outside the air shower
- Larger footprint than Standard Profile air shower
- Straight Thru, 90-Degree, 3-Door and Tunnels



ADA Compliant Air Showers

- Standard Profile or Low Profile
- Straight Thru or 90-Degree



Cart/Part Air Showers

- 92 inch overall height
- 60 inch door height
- Service access from inside the air shower



Clean Benches

Series 201 Horizontal Flow Clean Bench, Class 100 (ISO5)



Series 201 with optional legs

The **Series 201 Clean Benches by Clean Air Products** offer new accomplishments in the use of modern technologies in materials, manufacturing processes, and design.

Vinclad steel or painted structural materials offer the ultimate in appearance and in resisting abuse. **The Series 201 Clean Bench** is highly resistant to abrasion, corrosion, stains, and chemicals as well as scratches and scuffs.

Of high quality and excellent in appearance, the tables have a ruggedness achieved through the use of a new wrap-around structural design. Close attention has been made to details.

The cabinet volume has been designed to offer the least envelope for each work area, thus minimizing weight and space.

Easy, quick maintenance is accomplished through the use of a removable grill with front filter removal.

The **Series 201 Clean Bench** cabinet configuration has been designed for "clean" edge air-shear of the absolute filter, thus assuring clean laminar airflow through the work area by eliminating turbulence and back currents.

Features

- **99.99% efficient removal of all particulate contaminates 0.3 micron and larger; factory tested**
- **Meets or exceeds Class 100 conditions of Federal Standard 209E**
- **Flex duct provides a factory-sealed clean laminar airflow system with simple front removal**
- **Standard shell is white vinyl-covered steel; optional painted steel or stainless steel**
- **Plexiglass hood over work area**
- **Protective grill for the absolute filter**
- **White fluorescent lighting**
- **Separate motor and light switch**
- **Meets or exceeds NEC electrical codes**
- **Selected sizes and options UL listed**
- **Fiberglass prefilter easily removable from the top**
- **Motor speed infinitely variable with solid state controller**



Item#	Description	Packed
201	Series 201 Laminar Flow Clean Bench	Knocked down

Series 204 Horizontal Laminar Flow Bench

The **Series 204 Laminar Flow Cleanroom Bench by Clean Air Products** is a bench unit designed to install on top of typical Metrowire® or Eagle Group® type wire shelving. This horizontal laminar flow bench unit is also designed to set on a table top and blow horizontally. Ships knocked down.

Units come in 2' x 2', 2' x 3', 2' x 4' and 2' x 6' sizes. The prefilter is serviced from behind the unit.

Features

- **Decorative white painted steel housing**
- **Internal motorized filter unit for full filter coverage**
- **Clean hood on three sides**
- **Power cord**

Options for Clean Room Bench

- **Stainless steel housing**
- **Stainless steel hood**
- **Light**



Item#	Description	Size
204-22	Series 204 Clean Bench	2' x 2'
204-23	Series 204 Clean Bench	2' x 3'
204-24	Series 204 Clean Bench	2' x 4'
204-26	Series 204 Clean Bench	2' x 6'

Laminar Flow Clean Benches

Series 301 Horizontal Laminar Flow Workstation, Class 10 (ISO 4) or Class 100 (ISO 5)



The **Series 301 Laminar Flow Workstation by Clean Air Products** is a general-purpose, horizontal flow clean bench ideally suited to many types of mechanical or processing work. It is designed to provide a **Class 100 or Class 10** clean air environment suitable for laboratory work, testing, manufacturing, inspection and/or pharmaceutical operations.

The clean HEPA-filtered air flows outward from the cabinet. This

horizontal laminar flow air washes out particulates and prevents contamination from entering the clean work zone. The **Laminar Flow Workstation** features "clean edge" construction that puts the hood and table top in shear with the media edge of the HEPA filter. This reduces turbulence along the sides of the hood, improves the laminar flow, and prevents contamination infiltration around the perimeter of the hood.

Item#	Description	Packed
301	Series 301 Workstation	Fully Assembled

Features

- **FLEX DUCT** provides a factory sealed clean laminar airflow system with simple front HEPA filter removal
- **HEPA filter 99.99% efficient**
- **Formica tabletop**
- **Duplex outlet for auxiliary equipment**
- **Motor speed infinitely variable with solid state controller**
- **Protective grill for absolute filter**
- **Fiberglass prefilter easily removable**
- **"Clean" edge air-shear of the absolute filter**
- **Superior quality, excellent appearance, and ruggedness have been achieved through the use of new wraparound structural design**
- **Vinclad steel or painted structural materials offer the ultimate in appearance and a surface resistant to abuse**
- **Shipped fully assembled, ready for operation, certified to meet or exceed Class 100 conditions of Federal Standard 209E**
- **Selected sizes and options UL listed**

Series 416 Vertical Laminar Flow Clean Room Benches

The **Series 416VF Clean Benches by Clean Air Products** are vertical laminar flow clean room benches designed to install on top of typical Metrowire® or Eagle Group® wire shelving.

The **Series 416VF Clean Benches** are horizontal laminar flow cleanroom bench units designed to set on table top and blow horizontally. Ships knocked down.

Clean Room Benches come in 2' x 2', 2' x 3', 2' x 4 foot and 3' x 6 foot sizes.

Item#	Description	Size
416-22	Series 416 Clean Room Bench	2' x 2'
416-23	Series 416 Clean Room Bench	2' x 3'
416-24	Series 416 Clean Room Bench	2' x 4'
416-36	Series 416 Clean Room Bench	3' x 6'

Features

- **Decorative white painted steel housing**
- **Internal motorized filter unit for full filter coverage**
- **Solid curtains on three sides**
- **Strip door on front**
- **Wire or solid stainless steel options**
- **120 V power cord**



Clean Benches

Series 303 Horizontal Laminar Flow Workstations, Class 10 (ISO 4) or Class 100 (ISO 5)



The **Series 303 Laminar Flow Workstations by Clean Air Products** are a general-purpose horizontal flow work station ideally suited to many types of mechanical or processing work. **Series 303 Laminar Flow Workstations** are designed to provide a **Class 100 or Class 10** clean air

environment suitable for laboratory work, testing, manufacturing, inspection and/or pharmaceutical operations.

Series 303 Laminar Flow Workstations are furnished with an open front area so it can be placed front of a piece of equipment or used with a stand alone table. The stand alone isolation table is ideal in application where vibration isolation is required. Such applications are microscope viewing, critical measuring or other vibration sensitive work.

The clean HEPA filtered air flows outward from the cabinet. This horizontal laminar flow air washes out particulate and prevents contamination from entering the clean work zone. The cabinet features the "clean edge" construction that puts the hood in shear with the media edge of the HEPA filter. This reduces turbulence along the sides of the hood and improves the laminar flow and prevents contamination infiltration around the perimeter of the hood

Features

- **FLEX DUCT** provides a factory sealed clean laminar airflow system with simple front HEPA filter removal
- **HEPA filter 99.99% efficient**
- **Duplex outlet for auxiliary equipment**
- **Motor speed infinitely variable with solid state controller**
- **Protective grill for absolute filter**
- **Fiberglass prefilter easily removable**
- **"Clean" edge air-shear of the absolute filter**
- **Superior quality, excellent appearance, and ruggedness have been achieved through the use of new wraparound structural design**
- **Vinclad steel or painted structural materials offer the ultimate in appearance and a surface resistant to abuse**
- **Shipped fully assembled, ready for operation, certified to meet or exceed Class 100 conditions of Federal Standard 209E**
- **Selected sizes and options UL listed**

Item#	Description	Packed
303	Series 303 Workstation	Fully Assembled

Series 305 Clean Benches, Class 10 (ISO4) or Class 100 (ISO 5)

The **Series 305 Clean Benches by Clean Air Products** are a horizontal flow, re-circulating temperature control clean bench. **Series 305 Clean Benches** can operate at or above ambient using make-up air for cooling, or it can have an air conditioning unit with reheat for temperature control at or below ambient.

The clean HEPA-filtered air flows outward from the cabinet. This horizontal laminar flow air washes out particulates and prevents contamination from entering the clean work zone. The **Series 305 Clean Benches** feature "clean edge" construction that puts the hood and table top in shear with the media edge of the HEPA filter. This reduces turbulence along the sides of the hood, improves the laminar flow, and prevents contamination infiltration around the perimeter of the hood.

Top and bottom front grills recirculate the air within the clean benches.

Features

- **Temperature control $\pm 1/2^\circ$ F**
- **Stainless steel table top**
- **Class 100 or Class 10**
- **Interior lighting**
- **Front access**
- **120/208 V power**
- **White painted-steel shell**



Item#	Description	Packed
305	Series 305 Clean Benches	Knocked Down

Clean Benches

Series 412 Vertical Flow Clean Bench



The **Series 412 Vertical Laminar Flow Clean Bench** by Clean Air Products is specifically designed to create a freestanding ultra-clean mini-environment. The **Series 412 Clean Bench**, or mini-environments, are available in a variety of sizes and styles engineered to provide excellent solutions for many air filtration applications. The **Series 412 Clean Bench** may vary from vertical flow benches with open interiors to exhausting clean

benches with wet process, to recirculating temperature control Class 10 systems.

A Clean Bench can be used in conjunction with cleanrooms to create clean zones. They can also be used in lieu of or supplemental to a cleanroom.

Often times in larger cleanrooms, there are a few "critical clean" areas. It is sometimes more cost effective to build a lower class cleanroom and supplement it with clean benches, than it is to create a higher class cleanroom. This is especially true when over 60% of a typical cleanroom floor space is area where clean manufacturing or storage does not occur.

Item#	Description	Shipped
412	Series 412 Clean Bench	Knocked Down

Features

- Standard white enamel finish provides excellent corrosion resistance
- HEPA filter is 99.99% efficient
- Open frame design
- All-metal welded filter module
- Structural shell components are a minimum of 16 gage cold rolled steel
- Support frame is heavy-duty 2" x 4" steel tubing
- Horizontal cross bracing is 2" x 2" steel tubing
- Cool white fluorescent lamps
- Meets or exceed requirements of NEC electrical codes; all standard components are UL rated
- Air flow velocity is factory set in accordance with Federal Standard 209E (90 ± 20FPM)
- Standard sized disposable fiberglass prefilter
- Three piece access panels are easily removable and allow service to the top cabinet from the front, top or rear of the unit
- Extensive list of options is available
- Units can be butted together for longer widths.
 - Depths: 30", 36", 42"
 - Widths: 3', 4', 5', 6', 8', 10'

Series 417 Vertical Laminar Flow Clean Bench, Class 100 (ISO 5)

The **Clean Air Products Series 417** clean benches distribute HEPA filtered air vertically across the work zone to create an ISO Class 5 (Class 100) environment.

The CAP 417 is a low-cost, economical alternative to the CAP 412 open base, wash out and wash through models.

Features

- White powder coated steel
- Polycarbonate side panels
- Florescent lighting - 4 lamps (optional)
- Fully assembled 9optional)
- ISO Class 5 (Fed. Std. 209E Class 100)
- Blower and light On/Off switches

- A solid state speed control is provided for adjusting air flow
- 115V standard (other voltages optional)
- Filters: HEPA - 99.00% on 0.3 micron, ULPA - 99.99% on 0.12 micron (optional), pleated prefilter - MERV 7
- CAP 417s purchased with the optional flow thru light module have T8 lamps with electronic ballast



Item#	Description	Shipped
417	Series 417 Clean Bench	Knocked Down

Vertical Flow Table Top Clean Benches

Portable Clean Benches

When the application calls for a positive pressure laminar flow hood, the **Sentry Air Systems Model SS-330-PCR 30"W Portable Clean Bench for Positive Pressure** may be an excellent choice. The powerful fan on top of the hood combined with a variety of HEPA or ULPA filter options provides an exceptionally purified airflow inside the hood. This 30" Unit is an ISO Class 3 Clean Room. The HEPA filter is up to 99.97% efficient on particles .3 microns and larger. Typical uses vary widely, but predominantly this system is used in medical, technological, laboratory, commercial, and industrial applications. Also available in 12", 18", 24" and 40" long Hoods.

- Hinged Sloping Lid.
- Custom Sizes Available
- Reliable, Low Maintenance Operation
- Long Filter Life
- Simple, Quick "No Tool" Filter Change
- Clear anti-static vinyl curtains



Features

- High Efficiency HEPA Filtration - up to 99.97% efficient on particles down to .3 microns in size.
- Quiet Operation
- Attractive Appearance
- Highly Portable and Lightweight
- Patented Fan/Filter Blower provides strong positive pressure ft./min. velocity across hood face.

Custom Sizes and Configurations Available

Item#	Description
SS-330-PCR	30" W Portable Clean Bench
SS-212-PCR	12" W Mini Clean Bench
SS-218-PCR	18" W Mini Clean Bench
SS-324-PCR	24" W Portable Clean Bench
SS-340-PCR	40" W Portable Clean Bench

Portable Table Top Clean Benches

Localized Clean Room Purity at a Fraction of the Cost

- Dust free pharmaceutical packaging
- Q/A testing in 'dirty' plant setting
- Assembly of sensitive optical components
- Electronics assembly
- Further reduces particle count in existing cleanrooms
- Can be used with carbon filters to prevent chemical contamination of samples inside the hood

The **RF-1000** reverses the usual airflow direction to create a dust-free work area of better than 100 ppm for highly sensitive samples or instruments. **Airfiltronix Portable Tabletop Clean Room** provides a particle and bacteria free work area for a fraction of the cost of a full size clean room. Protect products and samples from contamination with Class 100 or better clean air.

The HEPA Filter is rated 99.99% efficient at 0.3 microns. The variable speed control allows the air flow to be reduced when you are working with sensitive samples. The enclosure measures 24" wide x 18" high x 18" deep and has a 1/2" clear acrylic top for easy viewing, 3/8" clear acrylic side panels and a 1/2" white polyethylene floor. The RF-1000 is also available in a variety of custom sizes.



Tabletop Clean Bench Options:

- Light Kit
- Acrylic Polish: Anti Static Surface Cleaner
- Air Flow Alarm Unit
- Blocked Filter Alarm

Item#	Description
RF 1000	Tabletop Clean Bench

Fume Hoods

Ducted Exhaust Hood



Sentry Air's 30" Wide Ducted Exhaust Hood may be an excellent choice for industrial applications that require a compact, exterior-ducting fume hood. This bench-top unit features unique hinged folding side panels, a high-density polyethylene base, a clear polycarbonate top, and a polycarbonate hinged sloping front lid.

It is extremely compact and light weight. Typically, exhaust hoods may be used in chemical laboratories and in a variety of other processes that require fume or particulate extraction.

The 30" Wide Ducted Exhaust Hood can be an effective and economical tool for air quality enhancement in many commercial, chemical, medical, laboratory, and industrial applications.

This unit includes a 6" Outlet Collar and does not include ducting or fan. Also available in 18", 24", 40", 50", 60" and 70" lengths.

Hood Dimensions: O.D.: 24"D x 32"W x 25"H
I.D.: 23.5"D x 30"W x 24"H

Hood Material: Sides: .250" White Acrylic
Base: .500" White High Density Polyethylene
Top: .500" Clear Polycarbonate Front: .250" Clear Polycarbonate

Total Weight: Approx. 50lbs

Exhaust Connection: 6" OD Outlet Collar (ducting and fan excluded)

Warranty: Limited two-year warranty from date of shipment on defects due to materials or workmanship.

Max Operating Temperature: Not to exceed 170 degrees Fahrenheit

Custom Sizes are Also Available

Item#	Description
SS-330-E	30" W Ducted Exhaust Hood
SS-218-E	18" W Ducted Exhaust Hood
SS-324-E	24" W Ducted Exhaust Hood
SS-340-E	40" W Ducted Exhaust Hood

Series 1411 Fume Hood



Clean Air Products' Fume Foods are available in several sizes and configurations. This flexibility allows our customer's requirements to be satisfied with a minimum of compromise.

For maximum chemical resistance, the fume hoods are fabricated out of stainless steel, polypropylene, or fire-retardant polypropylene.

Safeguarding the operator was a prime concern in the design of this fume hood. An extensive list of options is available to adapt each fume hood to its particular application.

Features

- **Designed for maximum chemical resistance**
- **Available in stainless steel, white polypropylene, or fire-retardant white polypropylene**
- **Units are available in 3, 4, 5, 6, and 8 ft. widths and 30", 36", and 42 inch depths. Other sizes are available upon request.**
- **Superior quality, excellent appearance, and ruggedness have been achieved through a safety-oriented design**
- **An extensive list of options are available to meet**

Item#	Description
1411	Series 1411 Fume Hood

Portable Fume-Particle Extractor

Scavenger Series



Ideal for use in:

- Soldering
- Small scale welding
- Jewelry manufacture
- Potting
- Buffing and grinding

The Scavenger Series Portable Fume/Particle Extractors by Airfiltronix

are an inexpensive solution to

all small scale, yet potentially hazardous, fume and particle problems. These powerful yet quiet, fully portable systems are ideal for use in work spaces that are too small for conventional fume hoods. They can be used on the table top or wall mounted. The unit combines a 530 cfm blower with either one or two intake scoops, each with a 5 foot heavy duty flex hose, which can be easily moved to capture the contaminant at the source. Each blower is operated with a variable speed control knob and is virtually vibration free.

Primarily designed to improve safety and hygiene in light industrial settings, the Scavenger can also be used in laboratories where a fume source can be isolated. Examples

include wall mounted units to capture harmful exhaust from microwave ovens in histology labs, and spectrophotometers in analytical chemistry applications.

Like all Airfiltronix systems, the Scavengers can accommodate a variety of filters: charcoal, four stage dacron, aluminum, and HEPA filters, to capture a broad range of chemical fumes, odors and particles - at their source.



Scavenger Options:

- Wall Mount Kit
- Additional Flex Hose 5" Diameter
- Blocked Filter Alarm Unit
- Outside Vent Adapter Kit
- Stainless Steel Cart
- Carry Handle

Specifications

Model No.

HS-3000A1 - Single Hose Scavenger: includes one 5" diameter hose and one tapered collector scoop.

HS-3000A2 - Double Hose Scavenger: includes two 5" diameter hoses and 2 tapered collector scoops.

Blower Dimensions:

16" H x 12.5"D x 23.5" W

Hose: 5" diameter heavy duty chemical resistant PVC flexible hose. Single 5 foot length for HS-3000A1 and double 5 foot lengths for HS-3000A2.

Standard Nozzles: Wedge shaped nozzles measure 9.5" D x 6.5"H, sloping to 3.5" H x 6.5" W (*custom scoops and other adapters available*)

Power Requirements: 115V AC, 100 Watts, 50/60 Hz, 230V AC optional for export.

Weight: HS-3000A1 - 37 lbs.
HS-3000A2 - 43 lbs.

Noise Level: A weighted noise level 68dB at 1 meter

Custom Variations:

We can manufacture the scavenger series in many different configurations (i.e. wall mounted blower, mini-hood with hose attachment, unique adapter fabricated to attach to existing equipment - please call to discuss your special application).

Scavenger Options:

- Wall Mount Kit
- Additional Flex Hose 5" Diameter
- Blocked Filter Alarm Unit
- Outside Vent Adapter Kit
- Stainless Steel Cart
- Carry Handle

Item#	Description
HS-3000A1	Single Hose Scavenger
HS-3000A2	Double Hose Scavenger

Balance Enclosure

Contain Powders During Weighing

The Balance Enclosure, model BE-1, is the ideal workstation to protect researchers, lab technicians and production workers when weighing, measuring, pouring, mixing and performing all the process operations that may involve dust, particulates, powders and organic vapors.

The enclosure allows full access to the balance while keeping the effects of drafts and air movement to a bare minimum for highly accurate weighing. Constructed of clear acrylic with solid aluminum framing, the enclosure allows full light penetration from all angles. When natural light is inadequate we can supply a light mounted outside the enclosure. The front hinged panel, designed for easy access, is made from a durable clear polycarbonate material. A port for electrical line cord is provided at the rear of the enclosure.

A variable speed blower allows continuous adjustment of airflow and face velocity. The unit is supplied with a HEPA Filter which is designed to remove particles down to 0.3 microns in size at 99.99% efficiency. If you are working with gross particulate, you may want to add a pre-filter in combination with the HEPA. The pre-filter removes gross particulate from the air, and prevents premature clogging of the

HEPA filter, thereby extending its life. Optional carbon filters are available for adsorption of vapors.

For use in:

- **Pharmaceuticals**
- **Cosmetics**
- **Foods**
- **Research**



Balance Enclosure Options:

- Light Kit - Florescent light box
- Acrylic Polish
- Airflow Alarm Unit
- Blocked Filter Alarm Unit
- Outside Vent Adapter Kit
- Extended Door for extra Sensitive Balances

Item#	Description
BE-1	Balance Enclosure

Series 130 Laminar Flow Wall Module



The Series 130 Laminar Flow Module by **Clean Air Products** provides clean horizontal laminar airflow. The units may be used separately or in groups to form a wall for a cleanroom or tunnel.

They are made in two basic styles to meet a variety of applications.

The ability to change the filter and do maintenance from the front allows placement of the model CAP132 Laminar Flow Module against a wall without the need for a rear walkway, thereby increasing usable space in the clean work area. The CAP133 Laminar Flow Module HEPA filters are serviced from the front, but other maintenance (blowers, motors and prefilters) is done from the rear of the unit.

Painted structural material offers the ultimate in appearance and in resistance to abuse. They are highly resistant to abrasion, corrosion, stains, and chemicals.

High quality, excellent appearance, and ruggedness have been achieved with the Series 130 Laminar Flow Module through the use of a new wrap-around structural design. Close attention has been paid to every detail.

The cabinet volume has been designed to offer the least envelope for each work area... thus minimizing weight and space.

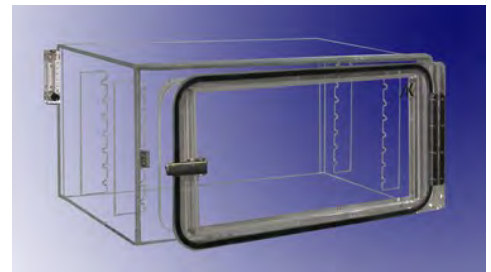
The airflow is factory-set with filter face velocity of 90 fpm. This is maintained by adjusting blower speed as the filter resistance increases over period of use.

The HEPA filter is 99.99% effective on particles 0.3 micron and larger, is DOP tested, and is leak probed. (Optional ULPA filters are available).

The blower utilizes a belt drive motor with a variable pitch pulley on the motor for adjusting the speed of the blower. The assembly is mounted on vibration isolated mounts to assure quiet operation.

Item#	Description
130	Series 130 Horizontal Laminar Flow Wall Module

Cleanroom Desiccator Cabinets



Acrylic Desiccator Accessories

Perforated Clear Acrylic Shelves	E-3
Solid Clear Acrylic Shelves	E-3

Acrylic Desiccator Cabinets

Amber Acrylic Desiccator Cabinets	E-2
Clear Acrylic Desiccator Cabinets	E-2-3

Controllers and Desiccants

Bleed Valve	E-4
Compact Desiccator	E-5
Desiccant Bags	E-5
Desiccator Flow Meter	E-4
Humidity Indicator Cards	E-5
Mini Dehumidifier	E-4

Stainless Steel Desiccator Cabinets

Series 19 Stainless Steel Desiccators	E-6
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Acrylic Desiccator Cabinets

Acrylic Desiccator cabinets are designed for economical dust-free and moisture-free storage. They also offer protection of micro-electronic devices, sub-miniature parts, semi-conductor wafers, biochemical mixtures and electronic sub-assemblies.

Our plastic desiccator cabinets are designed to increase shelf life, provide faster system recovery and produce higher production yields.

Amber Acrylic Desiccator Cabinets

These units provide airtight storage and have easy open doors with warp-proof protection. Made of amber acrylic.

For all plenum options and added accessories not listed. Please contact NCI for more information. Customized solutions are also available.



AK804-A Desiccator

Item#	Description	Size
AK801-A	One Chamber Desiccator - No Plenum	12"W x 12"H x 12"D
AK801-A/WP	One Chamber Desiccator—w/Plenum	12"W x 12"H x 12"D
AK802-A	Two Chamber Desiccator—No Plenum	16"W x 16"H x 16"D
AK802-A/WP	Two Chamber Desiccator—w/Plenum	16"W x 16"H x 16"D
AK803-A	Two Chamber Desiccator—No Plenum	18"W x 18"H x 18"D
AK803-A/WP	Two Chamber Desiccator—w/Plenum	18"W x 18"H x 18"D
AK804-A	Two Chamber Desiccator—No Plenum	12"W x 24"H x 12"D
AK804-A/WP	Two Chamber Desiccator—w/Plenum	12"W x 24"H x 12"D
AK805-A	Two Chamber Desiccator—No Plenum	24"W x 24"H x 18"D
AK805-A/WP	Two Chamber Desiccator—w/Plenum	24"W x 24"H x 18"D
AK806-A	Three Chamber Desiccator—No Plenum	18"W x 27"H x 18"D
AK806-A/WP	Three Chamber Desiccator— w/Plenum	18"W x 27"H x 18"D

Desiccator Options:

Clear PETG Desiccators are also available upon request.

Contact Innotech for more information.



Plastic Concepts, Inc. Desiccator Cabinets

These Standard Plastic Concepts, Inc. Desiccator Cabinet are constructed of 1/4" thick clear acrylic with fully bonded seams, 3/8" thick doors and provides an air tight environment.

The standard cabinet is available with the following options :

- ◆ Static dissipative acrylic
- ◆ Amber acrylic or clear PVC construction
- ◆ Door gasketing
- ◆ Adjustable shelves
- ◆ Multiple compartments
- ◆ Air flow monitor
- ◆ Low air alarm
- ◆ Humidity monitor

Item#	W x D x H
DC-121212	12" x 12" x 12"
DC-121224	12" x 12" x 24"
DC-181818	18" x 18" x 18"
DC-241824	24" x 18" x 24"
DC-361836	36" x 18" x 36"

*Customized configurations are also available.

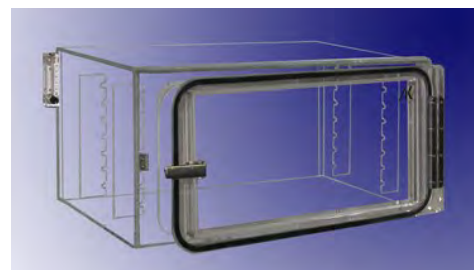
Acrylic Desiccator Cabinets

Clear Acrylic Desiccator Cabinets

These units provide airtight storage and have easy open doors with warp-proof protection. Made of clear acrylic. PETG available upon request.

For all plenum options and added accessories not listed, please contact NCI for more information.

Some photos show optional flow meters



AK801C with Optional Flow Meter

Item#	Description	Size
AK801-C	One Chamber Desiccator—No Plenum	12"W x 12"H x 12"D
AK801-C/WP	One Chamber Desiccator—w/Plenum	12"W x 12"H x 12"D
AK802-C	Two Chamber Desiccator—No Plenum	16"W x 16"H x 16"D
AK802-C/WP	Two Chamber Desiccator - w/Plenum	16"W x 16"H x 16"D
AK803-C	Two Chamber Desiccator—No Plenum	18"W x 18"H x 18"D
AK803-C/WP	Two Chamber Desiccator—w/Plenum	18"W x 18"H x 18"D
AK804-C	Two Chamber Desiccator—No Plenum	12"W x 24"H x 12"D
AK804-C/WP	Two Chamber Desiccator—w/Plenum	12"W x 24"H x 12"D
AK805-C	Two Chamber Desiccator—No Plenum	24"W x 24"H x 18"D
AK805-C/WP	Two Chamber Desiccator—w/Plenum	24"W x 24"H x 18"D
AK806-C	Three Chamber Desiccator—No Plenum	18"W x 27"H x 18"D
AK806-C/WP	Three Chamber Desiccator—w/Plenum	18"W x 27"H x 18"D



AK802-C with Optional Flow Meter



AK806-C with Optional Flow Meter

For more Acrylic Desiccator Accessories see pages E-4-5.

Solid Clear Acrylic Shelves

NCI solid clear acrylic desiccator shelves are designed to be adjusted every 1/2". These acrylic desiccator shelves are used with our line of Clear or Amber Acrylic Desiccators. PETG available upon request. Please call or email for information on customized solutions to fit your needs.

Solid Clear Acrylic Shelves for Desiccators

Item#	Description	Size
AK-1212SS	Solid Clear Acrylic Desiccator Shelf	12" x 12"
AK-1616SS	Solid Clear Acrylic Desiccator Shelf	16" x 16"
AK-1818SS	Solid Clear Acrylic Desiccator Shelf	18" x 18"
AK1224SS	Solid Clear Acrylic Desiccator Shelf	12" x 24"

Perforated Clear Acrylic Shelves

The NCI line of perforated acrylic desiccator shelves are designed to be adjusted every 1/2". They are made to be used with our line of Clear or Amber Acrylic Desiccators. PETG available upon request. Please call or email for information on customized solutions to fit your needs.

Perforated Clear Acrylic Shelves for Desiccators

Item#	Description	Size
AK-1212SP	Perforated Clear Acrylic Desiccator Shelf	12" x 12"
AK-1616SP	Perforated Clear Acrylic Desiccator Shelf	16" x 16"
AK-1818SP	Perforated Clear Acrylic Desiccator Shelf	18" x 18"
AK1224SP	Perforated Clear Acrylic Desiccator Shelf	12" x 24"

Desiccator Accessories

NCI offers a full line of Desiccator Accessories for any application from clinical to research.

Desiccator Flowmeter

Desiccator Flowmeters precisely displays the volume of nitrogen flow to any desiccator cabinet. This Flow Meter is compatible with the AK Acrylic Desiccators.

Item# AK-FLOWMETER



Bleed Valve

Desiccator Pressure Relief Valves continuously bleed off excess internal pressure to **maintain a safe positive pressure** within the desiccator. Extends the life of the desiccator doors and gasketing.

Item# AK-RBBLEEDVALVE



Controllers and Desiccants

NCI offers a full line of Desiccator Accessories for any application from clinical to research including Nitrogen Purge Control Systems, Pressure Relief Valves, Desiccants and much more.

Mini Dehumidifier

The **DRIERITE Mini-Dehumidifier** is designed for the static absorption of moisture in closed containers of up to 6 cubic feet in volume.

It meets the demand for a convenient, safe and efficient drying unit for the analytical balance or other small closed compartments, such as reagent storage cabinets and desiccators.

APPLICATIONS:

Static drying of air and gases to a -100 degree F dew point.

REGENERATION

The mini-dehumidifier may be regenerated by placing it in an oven at 220 °C or 425 °F for one hour.

1 ½" x 6" (base 2 ⅝"). Made of 22 gauge perforated metal with 1/8" holes and a water capacity of 10 grams.

Please contact us for information on customized solutions to fit your needs.



Item#	Description	Size
26910	Mini Dehumidifier	1 ½" x 6" (base 2 ⅝")

Desiccator Accessories

Compact Desiccator

The **Compartment Desiccator** solves the problem of humidity in closed compartments.

Extremely dry conditions can be maintained in moisture tight enclosures by placing a **Compartment Desiccator** within the enclosure.

These inexpensive, perforated, aluminum cylinders serve to expose the **DRIERITE** granules to the air and bring about rapid water absorption.

This unit is capable of drying volumes of up to 200 cubic feet. The desiccator is easily regenerated by placing the complete

unit in an oven for 2 to 3 hours at 450 degrees.

4 ½" diameter x 16" high. Made of perforated aluminum, with a water capacity of one pound.

Please contact us for information on customized solutions to fit your needs.



Item#	Description	Size
26940	Compact Desiccator	4½" diameter x 16" high

Desiccant Bags

These non-woven crepe **Desiccant Bags** containing **DRIERITE Anhydrous Calcium Sulfate** are used to completely dry the air within a package or container during shipment or storage.

The disposable packets are dust tight and will protect enclosures for long periods when used within an adequate, posture barrier.

The bag will reduce the humidity in a sealed enclosure to a 100 degree F point in about 10 hours or less. **DRIERITE** also performs well at elevated temperatures and will not release absorbed moisture at less than 350 degree Fahrenheit..



Item#	Description	Qty/ Container
60013	3 grams	750
60016	6 grams	750
60011	1 ounce	200
60012	2 ounces	400
60014	4 ounces	200
60018	8 ounces	100
60061	1 ounce	600

Humidity Indicator Cards

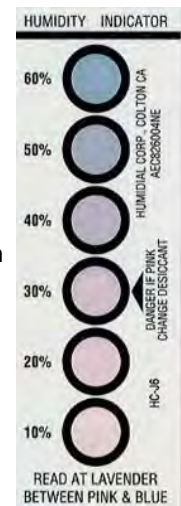
Desiccator Humidity Indicator Cards change color from blue to pink to indicate the presence of moisture in the air.

The 10-60% RH card has 6 spots corresponding to 10, 20, 30, 40, 50, and 60% RH that change color individually when the moisture content reaches the indicated value.

These cards are especially useful in conjunction with the compartment desiccator, the mini-dehumidifier and desiccant bags.

They can also be placed in a desiccating chamber to indicate the relative humidity within the chamber.

Please contact us for information on customized solutions to fit your needs.



Item#	Description
60136	Humidity Indicator Card

Stainless Steel Desiccators

Series 19 Stainless Steel Desiccator Cabinets / Inert Atmosphere Cabinets

These **Clean Air Products** Stainless Steel Desiccator Cabinets have sealed compartments that store parts in a dry or nitrogen environment. They are engineered storage areas that can be purged creating a controlled environment for long-term storage of parts and materials that will degrade when left out in a normal atmosphere.

The compartments have a hinged, clear acrylic door with a heavy-duty stainless steel frame and 90-degree, turn-door lock. They are designed with a continuous hinge and are fitted with a light gray PVC closed-cell gasket - sealed to form a pressurized storage space.

Features:

- Heavy-Gauge Stainless Steel Construction
- Stainless Steel Divider Between Each Compartment
- Removable Back Panel To Attach Doors or Other Equipment
- Optional Fixed or Adjustable Shelves
- Static Dissipative Doors Available
- Conductive Model Available
- Polypropylene Model Available
- Plenum Option Available

This Desiccator Cabinet is available with a Plenum to allow an Even Flow of Nitrogen.

Also available are units with Static Dissipative PVC Doors and grounded stainless steel shelves (optional), hinges and door latches for ESD safety. Custom sizes are also available, contact NCI for more information.



Stainless Steel Desiccator Cabinets *18W" x 18H" x 10D" Compartment Size

Item#	Description	Overall Size
19-181810-1	One Door Desiccator Cabinet	22"W x 29"H x 12"D
19-181810-2	Two Door Desiccator Cabinet	22"W x 49"H x 12"D
19-181810-3	Three Door Desiccator Cabinet	22"W x 68"H x 12"D
19-181810-4	Four Door Desiccator Cabinet	22"W x 88"H x 12"D

*Overall height with purge control and 3" base

Other Standard Sizes Available:

Series 19 Stainless Steel Desiccator Cabinets

Sizes (in inches)

Standard Clear Inside Width 12, 14, 16, 18, 20, 22, 24, 28, or AR

Standard Clear Inside Height 10, 12, 14, 16, 20, 22, or AR

Standard Clear Inside Depth 10, 12, 14, 16, 18, 20, 22, or AR

- While Series 19 has a number of standard sizes, the cabinets can be made to meet your specific requirements.
- Specify the number of compartments in a stack (1-5)
- Single units available without stand
- The standard removable shelf is 3/4" thick and installs within the compartment.
- Specify number of shelves per compartment and minimum clearance between shelves.



Custom Sizes are Available, Contact NCI for More Information.

Chairs



Bevco Chairs

- 4000CR/ESD Series Chairs, Class 100
- 4000VU Series Chairs, Class 10,000
- 5000CR/ESD Series Chairs, Class 10
- 5000VU Series Chairs, Class 10,000
- 6000 Series Chairs, Class 100.000
- 7000 Series Chairs
- 7000ESD Series Chairs
- 7000CR/ESD Silver Series, Class 10
- 9000CR/ESD Series, Class 10-10,000
- Chair Color Options

F-2-12 Cleanroom Stools

- F-2
- F-3
- F-4
- F-5
- F-6
- F-7
- F-8
- F-9
- F-10-11
- F-12

- Gibo Kodama Series C-1000PL CR Stools
- Bevco Static Control ESD CR Stools
- Bevco Cleanroom Stool, Class 10
- Bevco Cleanroom Stool, Class 1,000
- UMF Stainless Steel Stools
- Palbam Class Stainless Steel Stools

F-19-23

- F-19
- F-20-22
- F-20
- F-21
- F-23
- F-23

Gibo Kodama Cleanroom Chairs

- 8000 Series, Class 10
- 3000 Series, Class 100
- 4000 Series, Class 100
- 7000 Series, Class 100
- Gibo Kodama Optional ESD Casters
- Gibo Kodama Optional Armrests

F-13-18

- F-13
- F-14
- F-15
- F-16
- F-17
- F-18

Bevco® 4000CR Series Class 100 (ISO 5)

NCI offers **Bevco® 4000CR** cleanroom seating for controlled environment applications.

- **12 year guarantee**
- **Class 100 Certified by an independent testing laboratory**
- **Exceeds ANSI/BIFMA standards**
- **Lifetime guarantee on pneumatic cylinder**

These ergonomic chairs are durable, and provide total support for all-day comfort. Each model features a large, comfortable seat and large backrest. Easy-to-use pneumatic seat height adjustment, 360 degree swivel, fully adjustable back, sturdy five legged base and hard floor casters. (Glides optional) Models with "01" designation also offer an articulating seat and back tilt control for maximum ergonomic benefit. Models with

"02" feature separate seat and back tilts levers. Chairs are available in Blue or Black Vinyl. Seat Size: 20" W x 17"D x 2½" thick. Back: 16W x 10"H x 2" thick. Two base styles: chrome plated tubular steel or five star polished aluminum. Aluminum base models with a 10" or 7.5" cylinder feature an 18" diameter adjustable chrome footring. ESD/cleanroom (ECR) models come with a brass drag chain, ESD casters and conductive vinyl upholstery with surface resistivity of 10⁶ ohms/sq.

"CR" models are cleanroom only, "ECR" models are ESD/Cleanroom. Each chair is designed to meet the particulate goals of Federal Standard 209 for Class 100 cleanrooms. (Independently tested.) Seat contains an installed filtration system with barrier against particles of 0.2 microns or greater.

4000CR Series Class 100 Ergonomic Pneumatic Chairs

Model#	Description	Height Adjustment
4050CR	Chair, five star aluminum base, manual backrest adjustment, Hard Floor Casters	16½" - 21½"
4051CR	Chair, five star aluminum base, articulating tilt seat & back, Hard Floor Casters	16½" - 21½"
4210CR	Chair, tubular steel base w/footring, manual backrest adjustment, Hard Floor Casters	20½" - 25½"
4211CR	Chair, tubular steel base w/footring, articulating tilt seat & back, Hard Floor Casters	20½" - 25½"
4350CR	Chair, five star aluminum base, 18" adj. chr. footring, manual backrest adjust., HFC	20½" - 28"
4351CR	Chair, five star aluminum base, 18" adj. chr. footring, artic. tilt seat & back, HFC	20½" - 28"
4550CR	Chair, five star aluminum base, 18" adj. chr. footring, manual backrest adjust., HFC	23" - 33"
4551CR	Chair, five star aluminum base, 18" adj. chr. footring, artic. tilt seat & back, HFC	23" - 33"
4610CR	Chair, tubular steel base w/footring, manual backrest adjustment, Hard Floor Casters	25½" - 30½"
4611CR	Chair, tubular steel base w/footring, articulating tilt seat & back, Hard Floor Casters	25½" - 30½"



4500CR with five star aluminum base

4000ECR Series Class 100 ESD/Ergonomic Pneumatic Chairs

Model#	Description	Height Adjustment
4050ECR	Chair, five star aluminum base, manual backrest adjustment, Hard Floor Casters	16½" - 21½"
4051ECR	Chair, five star aluminum base, articulating tilt seat & back, Hard Floor Casters	16½" - 21½"
4210ECR	Chair, tubular steel base w/footring, manual backrest adjustment. Hard Floor Casters	20½" - 25½"
4211ECR	Chair, tubular steel base w/footring, articulating tilt seat & back, Hard Floor Casters	20½" - 25½"
4350ECR	Chair, five star aluminum base, 18" adj. chr. footring, manual backrest adjust., HFC	20½" - 28"
4351ECR	Chair, five star aluminum base, 18" adj. chr. footring, artic. tilt seat & back, HFC	20½" - 28"
4550ECR	Chair, five star aluminum base, 18" adj. chr. footring, manual backrest adjust., HFC	23" - 33"
4551ECR	Chair, five star aluminum base, 18" adj. chr. footring, artic. tilt seat & back, HFC	23" - 33"
4600ECR	Chair, tubular steel base w/footring, manual backrest adjustment, Hard Floor Casters	25½" - 30½"
4611ECR	Chair, tubular steel base w/footring, articulating tilt seat & back, Hard Floor Casters	25½" - 30½"



4200CR with tubular steel base & optional glides

Bevco® 4000VU Series Class 10,000 (ISO 7)

NCI exclusive: Class 10,000 standard industrial chair offering a low cost option for cleanroom use.

- **12 year guarantee**
- **Exceeds ANSI/BIFMA standards**
- **No tools needed for assembly**
- **Lifetime guarantee on pneumatic cylinder**
- **Available in Royal Blue or Black vinyl**

Bevco® 4000VU cleanroom seating for controlled environment applications. These ergonomic chairs are durable, and provide total support for all-day comfort. Each model features a large, comfortable seat and large backrest, vinyl under wrap prevents particles from sloughing. Easy-to-use pneumatic seat height adjustment, 360 degree swivel, fully adjustable back, sturdy five legged base and hard floor casters. (Glides optional)

Models with "01" designation also offer an articulating seat and back tilt control for maximum ergonomic benefit. Seat Size: 20" W x 17"D x 2 1/2" thick. Back: 16W x 10"H x 2" thick.

Two base styles: five star glass reinforced plastic base, or painted 16 gauge tubular steel with welded chrome footring. Models 4300, 4301, 4500, and 4501 feature a wider five star base with an 18" diameter adjustable chrome footring.

Other options: interval braking ESD or non-ESD casters.

4000VU Series Class 10,000 Ergonomic Pneumatic Chairs

Model#	Description	Height Adjustment
4000VU	Chair, five star glass reinforced base, manual backrest adjust., Hard Floor Casters	16½" - 21½"
4001VU	Chair, five star glass reinforced base, artic. tilt seat & back, Hard Floor Casters	16½" - 21½"
4200VU	Chair, tubular steel base w/footring, manual backrest adjust., Hard Floor Casters	20½" - 25½"
4201VU	Chair, tubular steel base w/footring, artic. tilt seat & back, Hard Floor Casters	20½" - 25½"
4300VU	Chair, five star glass reinf. base, 18" adj. chr. footring, manual backrest adjust., HFC	20½" - 28"
4301VU	Chair, five star glass reinf. base, 18" adj. chr. footring, artic. tilt seat & back, HFC	20½" - 28"
4500VU	Chair, five star glass reinf. base, 18" adj. chr. footring, manual backrest adjust., HFC	23" - 33"
4501VU	Chair, five star glass reinf. base, 18" adj. chr. footring, artic. tilt seat & back, HFC	23" - 33"
4600VU	Chair, tubular steel base w/footring, manual backrest adjust., Hard Floor Casters	25½" - 30½"
4601VU	Chair, tubular steel base w/footring, artic. tilt seat & back, Hard Floor Casters	25½" - 30½"



4500 with five star reinforced base & optional glides



4200 with tubular steel base

How to Order Bevco Chairs

Due to the number of options on these chairs, we have listed below some of the choices that will allow you to customize these chairs to your specifications. Choose from the list of options below, insert the appropriate letter code after the model number

Example: 4200KC5AC0

Model#	Color	Upholstery	Cylinder	Arm Rest/Wrap	Casters	ESD/Back
4200 etc.	K-Black	C-Cleanroom	5"	A-Adjustable Armrest	C-Casters	E-ESD
	L-Blue	V-Vinyl	8"	0-No Armrest	G-Glides	0-Non ESD
			0 (10")	U-Under wrap	E-ESD Casters	
					I-Interval Brake C.	
					B-Rubber Caster	

Bevco® 5000CR Series Class 10 (ISO 4)

NCI offers Bevco® 5000CR cleanroom seating for controlled environment applications.

- **12 year guarantee**
- **Class 10 Certified by an independent testing laboratory**
- **Exceeds anti-flammability req. of Calif. TB 117**
- **Lifetime guarantee on pneumatic cylinder**
- **Available in Royal Blue or Black vinyl**

These ergonomic chairs are durable, and provide total support for all-day comfort. Each model features a large, comfortable waterfall seat and large backrest. Easy-to-use pneumatic seat height adjustment, 360 degree swivel, fully adjustable back, sturdy five legged base and hard floor casters. (Glides optional) Models with "01" designation also offer an articulating

seat and back tilt control for maximum ergonomic benefit. Larger seat size 18"W x 17"D x 2 3/4" thick Back size: 16"W x 10"H x 2" thick.

Two base styles: chrome plated tubular steel or five star polished aluminum. Aluminum base models with a 10", 7.5", or 5" cylinder feature an 18" diameter adjustable chrome footring.

ESD/cleanroom (ECR) models come with a brass drag chain, ESD caster and conductive vinyl upholstery with surface resistivity of 10⁶ ohms/sq. **Other options:** interval braking ESD or non-ESD casters. Ergonomic adjustable armrests with polyurethane arm pads are also available. **"CR" models are cleanroom only, "ECR" models are ESD/Cleanroom.**

5000CR Series Class 10 Ergonomic Pneumatic Chairs

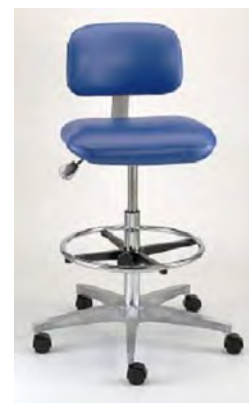
Model#	Description	Height Adjustment
5050CR	Chair, five star aluminum base, manual backrest adjustment, Hard Floor Casters	16½" - 21½"
5051CR	Chair, five star aluminum base, articulating tilt seat & back, Hard Floor Casters	16½" - 21½"
5210CR	Chair, tubular steel base w/footring, manual backrest adjustment, Hard Floor Casters	20½" - 25½"
5211CR	Chair, tubular steel base w/footring, articulating tilt seat & back, Hard Floor Casters	20½" - 25½"
5350CR	Chair, five star aluminum base, 18" adj. chr. footring, manual backrest adjustment, HFC	20½" - 28"
5351CR	Chair, five star aluminum base, 18" adj. chr. footring, articulating tilt seat & back, HFC	20½" - 28"
5550CR	Chair, five star aluminum base, 18" adj. chr. footring, manual backrest adjustment, HFC	23" - 33"
5551CR	Chair, five star aluminum base, 18" adj. chr. footring, articulating tilt seat & back, HFC	23" - 33"
5610CR	Chair, tubular steel base w/footring, manual backrest adjustment, Hard Floor Casters	25½" - 30½"
5611CR	Chair, tubular steel base w/footring, articulating tilt seat & back, Hard Floor Casters	25½" - 30½"



5200CR with tubular steel base

5000ECR Series Class 10 ESD Ergonomic Pneumatic Chairs

Model#	Description	Height Adjustment
5050ECR	Chair, five star aluminum base, manual backrest adjustment, Hard Floor Casters	16½" - 21½"
5051ECR	Chair, five star aluminum base, articulating tilt seat & back, Hard Floor Casters	16½" - 21½"
5210ECR	Chair, tubular steel base w/footring, manual backrest adjustment, Hard Floor Casters	20½" - 25½"
5211ECR	Chair, tubular steel base w/footring, articulating tilt seat & back, Hard Floor Casters	20½" - 25½"
5350ECR	Chair, five star aluminum base, 18" adj. chr. footring, manual backrest adjustment, HFC	20½" - 28"
5351ECR	Chair, five star aluminum base, 18" adj. chr. footring, articulating tilt seat & back, HFC	20½" - 28"
5550ECR	Chair, five star aluminum base, 18" adj. chr. footring, manual backrest adjustment, HFC	23" - 33"
5551ECR	Chair, five star aluminum base, 18" adj. chr. footring, articulating tilt seat & back, HFC	23" - 33"
5610ECR	Chair, tubular steel base w/footring, manual backrest adjustment, Hard Floor Casters	25½" - 30½"
5611ECR	Chair, tubular steel base w/footring, articulating tilt seat & back, Hard Floor Casters	25½" - 30½"



5500CR with five star aluminum base

Bevco® 5000VU Series Class 10,000 (ISO 7)

NCI exclusive: Class 10,000 standard industrial chair offering a low cost option for cleanroom use.

- **12 year guarantee**
- **Exceeds anti-flammability req. of Calif. TB 117**
- **No tools needed for assembly**
- **Lifetime guarantee on pneumatic cylinder**
- **Available in Royal Blue or Black vinyl**

Bevco® 5000VU cleanroom seating for controlled environment applications. These ergonomic chairs are durable, and provide total support for all-day comfort. Each model features a large, comfortable waterfall seat and large backrest, vinyl under wrap prevents particles from sloughing. Easy-to-use pneumatic seat height adjustment, 360 degree swivel, fully adjustable back, sturdy five legged

base and hard floor casters. (Glides optional) Models with "01" designation also offer an articulating seat and back tilt control for maximum ergonomic benefit. Larger seat size 18"W x 17"D x 2 3/4" thick Back size: 16"W x 10"H x 2" thick.

Two base styles: five star glass reinforced plastic base, or painted 16 gauge tubular steel with welded chrome footring. Models 5300, 5301, 5500, and 5501 feature a wider five star base with an 18" diameter adjustable chrome footring.

Other options: Dual wheel hard floor or interval braking ESD or non-ESD casters. Ergonomic adjustable armrests with polyurethane arm pads also available.

5000VU Series Class 10,000 Ergonomic Pneumatic Chairs

Model#	Description	Height Adjustment
5000VU	Chair, five star glass reinforced base, manual backrest adjustment, Hard Floor Casters	16½" - 21½"
5001VU	Chair, five star glass reinforced base, articulating tilt seat & back, Hard Floor Casters	16½" - 21½"
5200VU	Chair, tubular steel base w/footring, manual backrest adjustment, Hard Floor Casters	20½" - 25½"
5201VU	Chair, tubular steel base w/footring, articulating tilt seat & back, Hard Floor Casters	20½" - 25½"
5300VU	Chair, five star glass reinf. base, 18" adj. chr. footring, manual backrest adjust., HFC	20½" - 28"
5301VU	Chair, five star glass reinf. base, 18" adj. chr. footring, artic. tilt seat & back, HFC	20½" - 28"
5500VU	Chair, five star glass reinf. base, 18" adj. chr. footring, manual backrest adjust., HFC	23" - 33"
5501VU	Chair, five star glass reinf. base, 18" adj. chr. footring, artic. tilt seat & back, HFC	23" - 33"
5600VU	Chair, tubular steel base w/footring, manual backrest adjustment, Hard Floor Casters	25½" - 30½"
5601VU	Chair, tubular steel base w/footring, articulating tilt seat & back, Hard Floor Casters	25½" - 30½"

Options:

- ◆ **"02" Control with Separate Levers (ie: 5502CR) for seat and back tilt.** Available on 5001, 5201, 5301, 5501 and 5601 (Applies to CR, ECR and VU models.)
- ◆ **Dual Wheel Interval Brake Caster (CR and VU models) or**
- ◆ **Dual Wheel ESD Interval Brake Caster (conductive)** casters brake when not sitting in chair
- ◆ **Upgrade to 20" Adjustable ESD Chrome Footring,** available on 5300ECR, 5301ECR, 5500ECR, & 5501 ECR
- ◆ **Ergonomic Adjustable Arms (non-conductive)** available on all 5000 series (applies to CR, ECR, and VU models.)
- ◆ **Mushroom Glides**



5200 with tubular steel base



5501 five star glass reinforced base with optional arms & glides

Bevco® 6000 Series Class 100,000 (ISO 8)

NCI offers Bevco® 6000 ergonomic seating to improve total body support, physical comfort and productivity.

- **12 Year Guarantee**
- **Pneumatic seat height adjustment**
- **Sturdy, scuff resistant, reinforced plastic base**
- **Large contoured backrest with polypropylene back shell**
- **Lifetime guarantee on pneumatic cylinder**
- **Meets anti-flammability requirements of Calif. TB 117**
- **Available in Royal Blue or Black vinyl**

These attractive yet durable chairs offer advanced ergonomic features and industrial strength design. Each chair comes standard with easy-to-use pneumatic height adjustment, 360 degree swivel, sturdy 25" diameter, five-legged base and hard

floor casters. The wide ergonomic seat and fully adjustable backrest reduce worker fatigue while maximizing comfort and lumbar back support. High density foam and top rated fabric ensure long lasting ergonomic performance. Roomy seat size 20"W x 18"D x 3" thick with waterfall front Back size: 17.5"W x 19"H x 3" thick.

Models with "01" designation feature independent tilt adjustment of seat and backrest. Model 6003 offers four lever system to provide a 2 to 1 ratio of synchronized seat and backrest movement, rocking tension adjustment, and seat and back angle tilt. (See ESD version on next page.)

6000 Series Class 100,000 Advanced Ergonomic Pneumatic Chairs

Model#	Description	Height Adjustment
6000	Chair, Hard Floor Casters	18" - 23"
6001	Chair, Articulating Tilt Seat & Back, Hard Floor Casters	18" - 23"
6003	Chair, Rocker Tilt Control, Hard Floor Casters	19" x 24"
6300	Chair, Adjustable 18" Chrome Footring, Hard Floor Casters	21" - 28½"
6301	Chair, Adjustable 18" Chrome Footring, Hard Floor Casters	21" - 28½"
6500	Chair, Adjustable 18" Chrome Footring, Articulating Tilt Seat & Back, Hard Floor Casters	25" - 35"
6501	Chair, Adjustable 18" Chrome Footring, Articulating Tilt Seat & Back, Hard Floor Casters	25" - 35"

Options:

- ◆ **"02" Control with Separate Levers (ie: 6002) for seat and back tilt.** Available on 6001, 6301 and 6501.
- ◆ **Dual Wheel Interval Brake Caster** (Casters brake when not sitting in chair.)
- ◆ **Upgrade to 20" Adjustable ESD Chrome Footring,** available on 6300, 6301, 6500, & 6501.
- ◆ **Adjustable Chrome Footring** for models 6000, 6001, 6003.
- ◆ **Ergonomic Adjustable Arms** with polyurethane arm pads except 6003.
- ◆ **Mushroom Glides**
- ◆ **Extra Large Executive Style Backrest**
- ◆ **Class 10,000 Chair available,** contact NCI for more information.



6001 Advanced Ergonomic Chair w/optional glides

Bevco® 7000 Series

Bevco's 7000 Series Polyurethane seating is specifically designed for outstanding comfort and long lasting use in the toughest workplace environment.

- **12 year guarantee**
- **Durable, contoured polyurethane seat and back with ventilated ribs**
- **Sturdy five legged base in reinforced plastic or tubular steel**
- **Fully adjustable back with heavy duty back bracket**
- **Metal components have scratch resistant top grade baked enamel finish**
- **Available in Blue, Gray, and Black**

Built with extraordinary care, these durable chairs offer total body support with advanced ergonomic features that improve productivity and reduce worker fatigue. These rugged self-skinned polyurethane seat and backs resist stains and damage from punctures, grease, water and chemicals. Ventilation ribs increase air circulation, comfort and ease of cleanup.

The chairs come standard with easy-to-use pneumatic height adjustment, waterfall seat, fully contoured back and 360 degree swivel. Models with "01" designation also offer an articulating seat and back tilt control for maximum ergonomic benefit.

Two bases are offered: black five legged 16 gauge tubular steel base, welded chrome footring and hard floor casters, or five star reinforced black plastic base and hard floor casters.

Standard and Class 10 Cleanroom models available.

7000 Series Ergonomic, Polyurethane Chairs

Standard Model #	CR Model #	Description	Height Adjustment
7000	7000CR	Chair, Hard Floor Casters	16" - 21"
7001	7001CR	Chair, Articulating Tilt Seat & Back, Hard Floor Casters	16" - 21"
7200	7200CR	Chair, Chrome Footring, Hard Floor Casters	20" - 25"
7201	7201CR	Chair, Chrome Footring, , Articulating Tilt Seat & Back, Hard Floor Casters	20" - 25"
7300	7300CR	Chair, Adj. 18" Chr. Footring, Hard Floor Casters	20" - 27½"
7301	7301CR	Chair, Articulating Tilt Seat & Back, Adj. 18" Chr. Footring, Hard Floor Casters	20" - 27½"
7500	7500CR	Chair, Adj. 18" Chr. Footring, Hard Floor Casters	22" - 32"
7501	7501CR	Chair, Articulating Tilt Seat & Back, Adj. 18" Chr. Footring, Hard Floor Casters	22" - 32"
7600	7600CR	Chair, Chrome Footring, Hard Floor Casters	25" - 30"
7601	7601CR	Chair, Chrome Footring, Articulating Tilt Seat & Back, Hard Floor Casters	25" -30"



7500 Black five star base w/optional glides

Options:

- ◆ **02" Control with Separate Levers (ie: 7002)** for seat and back tilt.. Available on models 7001, 7201, 7301, 7501, and 7601
- ◆ **Dual Wheel Interval Brake Caster** (Casters brake when not sitting in chair)
- ◆ **Upgrade to 20" Adjustable Chrome Footring**, available on 7300, 7301, 7500, & 7501
- ◆ **Adjustable Arm Rests** with polyurethane arm pads. Available on tilt models only. (Must be ordered with the chair, may not be added later.)
- ◆ **Single Rubber Wheel Casters**
- ◆ **Mushroom Glides**

Seat and Back Sizes:

Seat Size: 18½" W x 17" D x 1½" Thick

Back: 16½" W x 12½" H x 1" Thick

Bevco® 7000E Series ESD

Bevco's 7000E Series ESD Polyurethane seating is specifically designed for outstanding comfort and long lasting use in the toughest workplace environment.

- **12 year guarantee**
- **Durable, contoured polyurethane seat and back with ventilated ribs**
- **Sturdy five legged base in reinforced plastic or tubular steel**
- **Fully adjustable back with heavy duty back bracket**
- **Metal components have scratch resistant top grade backed enamel finish**
- **ESD versions in Black only and feature six grounding points, ESD Casters, and brass drag chain**

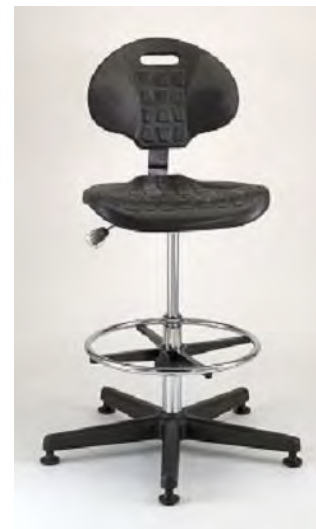
Built with extraordinary care, these durable chairs offer total body support with advanced ergonomic features that improve productivity and reduce worker fatigue. These rugged self-skinned polyurethane seat and backs resist stains and damage from punctures, grease, water and chemicals. Ventilation ribs increase air circulation, comfort and ease of cleanup.

The chairs come standard with easy-to-use pneumatic height adjustment, waterfall seat, fully contoured back and 360 degree swivel. Models with "01" designation also offer an articulating seat and back tilt control for maximum ergonomic benefit.

Two bases are offered: black five legged 16 gauge tubular steel base, welded chrome footring and hard floor casters, or five star reinforced black plastic base and hard floor casters.

7000E Series Ergonomic ESD Polyurethane Chair

Model#	Description	Height Adjustment
7200E	Chair, Chain, Welded Chrome Footring, ESD Hard Floor Casters	20" - 25"
7201E	Chair, Chain, Welded Chrome Footring, , Articulating Tilt Seat & Back, ESD HFC	20" - 25"
7600E	Chair, Chain, Welded Chrome Footring, ESD Hard Floor Casters	25" - 30"
7601E	Chair, Chain, Welded Chrome Footring, Articulating Tilt Seat & Back, ESD HFC	25" -30"



7500 Black five star base w/optional glides

Options:

- ◆ **02" Control with Separate Levers (ie: 7002) for seat and back tilt.** Available on models 7201, and 7601
- ◆ **Dual Wheel Interval Brake Caster** (Casters brake when not sitting in chair)
- ◆ **Adjustable Arm Rests** with polyurethane arm pads. Available on tilt models only, 7201, 7601. (Must be ordered with the chair, may not be added later.)
- ◆ **Rubber Single Wheel Casters**
- ◆ **Mushroom Glides**

Seat and Back Sizes:

Seat Size: 18½" W x 17" D x 1½" Thick
Back: 16½" W x 12½" H x 1" Thick

Bevco® 7000 Silver Series Class 10 (ISO 4)

Bevco's 7000 Silver Series Polyurethane Cleanroom Seating is specifically designed for outstanding comfort and long lasting use in the toughest workplace environment.

- **12 year guarantee**
- **Durable, contoured polyurethane seat and back with ventilated ribs**
- **Sturdy five legged polished aluminum base**
- **Fully adjustable back with heavy duty back bracket**
- **Metal components have scratch resistant top grade baked enamel finish**
- **Available in Blue, Gray, and Black**
- **ESD versions in Black only, and feature six grounding points, ESD Casters, and brass drag chain**

Built with extraordinary care, these durable chairs offer total body support with advanced ergonomic features that improve productivity and reduce worker fatigue. These rugged self-skinned polyurethane seat and backs resist stains and damage from punctures, grease, water and chemicals. Ventilation ribs increase air circulation, comfort and ease of cleanup.

The chairs come standard with easy-to-use pneumatic height adjustment, waterfall seat, fully adjustable contoured back and 360 degree swivel and chrome plated backrest assembly. Models with "01" designation come with an articulating seat and back tilt control for maximum ergonomic benefit. Polished aluminum five legged base, adjustable chrome footring and hard floor casters.

7000 Silver Series - Class 10 Ergonomic, Polyurethane Cleanroom Chair

Model#	Description	Height Adjustment
7050	Chair, Manual Back Adjustment, Hard Floor Casters	15½" - 20½"
7051	Chair, Articulating Tilt Seat & Back, Hard Floor Casters	15½" - 20½"
7350	Chair, Manual Back Adjustment, Adj. 18" Chrome Footring, Hard Floor Casters	18½" - 26"
7351	Chair, Adj. 18" Chrome Footring, Articulating Tilt Seat & Back, Hard Floor Casters	18½" - 26"
7550	Chair, Manual Back Adj. 18" Chrome Footring, Hard Floor Casters	21½" - 31½"
7551	Chair, Articulating Tilt Seat & Back, Adj. 18" Chrome Footring, Hard Floor Casters	21½" - 31½"

7000 ESD Silver Series - Class 10 Ergonomic Polyurethane Cleanroom Chairs

Model#	Description	Height Adjustment
7050E	Chair, Manual Back Adj., Hard Floor Casters	15½" - 21½"
7051E	Chair, Articulating Tilt Seat & Back, Hard Floor Casters	15½" - 21½"
7350E	Chair, Manual Back Adj., ESD Adj. 18" Chrome Footring, Hard Floor Casters	18½" - 26"
7351E	Chair, Articulating Tilt Seat & Back, ESD Adj. 18" Chr. Footring, Hard Floor Casters	18½" - 26"
7550E	Chair, Manual Back Adj., ESD Adj. 18" Chrome Footring, Hard Floor Casters	21½" - 31½"
7551E	Chair, Articulating Tilt Seat & Back, ESD Adj. 18" Chr. Footring, Hard Floor Casters	21½" - 31½"



7200 Silver Ergonomic Polyurethane Chair w/ optional glides

Seat and Back Sizes:

Seat Size: 18½" W x 17" D x 1½" Thick

Back: 16½" W x 12½" H x 1" Thick

Options:

- ◆ **"02" Control with Separate Levers (ie: 7552E)** for seat and back tilt. Available on 7051, 7351, 7551 (and E versions)
- ◆ **Dual Wheel Interval Brake Caster** (Casters brake when not sitting in chair) or ESD versions also available.
- ◆ **Upgrade to 20" Adjustable Chrome Footring**, available on 7350, 7351, 7550, 7551 models. ESD versions also available.
- ◆ **Adjustable Arm Rests** with polyurethane arm pads. Available on tilt models only. Conductive and non conductive version available.
- ◆ **Mushroom Glides**

Bevco® 9000 Series Class 10-10,000

Bevco's top-of-the-line 9000 series of seating provides advanced ergonomic features and total body support for all-day comfort.

- **12 year guarantee**
- **Ergonomic seat with waterfall edge for greater leg circulation**
- **Standard, large or extra-large contoured backrests**
- **Easy-to-use pneumatic seat height adjustment with lifetime cylinder guarantee**
- **Polypropylene back shell**
- **Five leg polished aluminum base**
- **All versions offered in vinyl upholstery choose Black or Royal Blue**

With models designed specifically for general use, laboratory static control (ESD) and cleanrooms, this series of chairs will fit almost any requirement. Featuring a large comfortable waterfall seat and your choice of three large backrest sizes, these chairs offer around-the-clock reliability in a variety of workplace environments.

Each chair features heavy-duty construction, easy-to-use ergonomic chair controls, pneumatic seat height adjustment, 360 degree swivel, sturdy five legged highly polished cast aluminum base, and hard floor casters. The seats feature resilient high density foam for long lasting comfort. Backrest styles are uniquely shaped for full back support and come standard with a heavy-duty polypropylene back shell to protect upholstery. Seat size is 20"W x 18" deep x 3" thick. See below for back rest sizes available.

9000 Series Standard Chairs (Vinyl) (See Below to Order Cleanroom Styles)

Model#	Description	Height Adjustment
9050M-V	Chair, Manual Back Adjustment, Hard Floor Casters	16½" - 22"
9051M-V	Chair, Articulating Tilt Seat & Back, Hard Floor Casters	16½" - 22"
9350M-V	Chair, Manual Back Adjustment, Chrome Base & Footring, Hard Floor Casters	20" - 27½"
9351M-V	Chair, Chrome Footring, Articulating Tilt Seat & Back, Hard Floor Casters	20" - 27½"
9550M-V	Chair, Manual Back Adj., 18" Chr. Footring, Hard Floor Casters	22½" - 32½"
9551M-V	Chair, Articulating Tilt Seat & Back, Adj. 18" Chr. Footring, Hard Floor Casters	22½" - 32½"



9051M-E w/polished cast aluminum base

Model Number Extensions for Cleanroom and ESD Class Chairs

Chair Class Code	Static Control (ESD)	Clean Room	Chair Class Code	Static Control (ESD)	Clean Room
-V	No		E3	Yes	Class 1,000
-E	Yes		C2	No	Class 100
C4	No	Class 10,000	E2	Yes	Class 100
E4	Yes	Class 10,000	C1	No	Class 10
C3	No	Class 1,000	E1	Yes	Class 10

Back Rest Sizes:

Standard

17.5"W x 16"H x 3" thick (M comes standard)

Large

17.5"W x 19"H x 3" thick (L)

Extra Large

19"W x 22.5"H x 3" thick (X)

Change letter in part number to change back rest size.

Options:

- ◆ **"02" Control with Separate Levers (ie: 9552M)** for seat and back tilt. Available on 9051, 9351, 9551 (and E versions)
- ◆ **Dual Wheel Interval Brake Caster** (Casters brake when not sitting in chair) or ESD versions also available.
- ◆ **Dual Wheel Carpet Casters**, ESD also available
- ◆ **Adjustable Arm Rests** with polyurethane arm pads. Conductive and non conductive version available.
- ◆ **Mushroom Glides**

Bevco® 9000E Series Class 10-10,000

Bevco's top-of-the-line 9000E series of seating provides advanced ergonomic features and total body support for all-day comfort.

Static Control ESD Versions:

- All ESD chairs fully assembled at the factory and tested for conductivity prior to shipment.
- All ESD chairs include drop chain, ESD casters, ESD footring (on bench height models), ESD vinyl, and ESD back shell as well as other chrome-plated components
- Upholstery has a surface resistance of 10^8 ohms or less and comes with a conductive backing that more than doubles its abrasion surface

Cleanroom Models

- All cleanroom models have been tested by an independent certification company and meet particulate goals of Federal Standard 209

These models are designed for laboratory static control (ESD) and cleanrooms. This series of chair will fit almost any requirement. Featuring a large comfortable waterfall seat and your choice of three large backrest sizes, these chairs offer around-the-clock reliability in a variety of workplace environments.

Each chair features heavy-duty construction, easy-to-use ergonomic chair controls, pneumatic seat height adjustment, 360 degree swivel, sturdy five legged highly polished cast aluminum base, and hard floor casters. The seats feature resilient high density foam for long lasting comfort.

Backrest styles are uniquely shaped for full back support and come standard with a heavy-duty polypropylene back shell to protect upholstery. Seat size is 20"W x 18" deep x 3" thick.

Back Rest Sizes: Medium: 17.5" W x 16" H x 3" thick (M) (M comes standard) Large: 17.5"W x 19"H x 3" thick (L) Extra Large: 19"W x 22.5"H x 3" thick (X)
Change M in part number to change back rest size.

9000E Series ESD / Cleanroom Chairs

9000C Series Cleanroom Chairs (non-ESD)

Std. ESD	Class 10,000ESD	Class 1,000ESD	Class 100 ESD	Class* 10 ESD	Class 10,000	Class 1,000	Class 100	Class 10	Height Adjust.	Tilt/Non-Tilt
9050M-E	9050M-E4	9050M-E3	9050M-E2	9050M-E1	9050M-C4	9050M-C3	9050M-C2	9050M-C1	16½" - 22"	Non Tilt
9051M-E	9051M-E4	9051M-E3	9051M-E2	9051M-E1	9051M-C4	9051M-C3	9051M-C2	9051M-C1	16½" - 22"	Tilt
9350M-E	9350M-E4	9350M-E3	9350M-E2	9350M-E1	9350M-C4	9350M-C3	9350M-C2	9350M-C1	20" - 27½"	Non Tilt
9351M-E	9351M-E4	9351M-E3	9351M-E2	9351M-E1	9351M-C4	9351M-C3	9351M-C2	9351M-C1	20" - 27½"	Tilt
9550M-E	9550M-E4	9550M-E3	9550M-E2	9550M-E1	9550M-C4	9550M-C3	9550M-C2	9550M-C1	22½" - 32½"	Non Tilt
9551M-E	9551M-E4	9551M-E3	9551M-E2	9551M-E1	9551M-C4	9551M-C3	9551M-C2	9551M-C1	22½" - 32½"	Tilt

The above chart covers all standard options of these chairs, both ESD and Cleanroom. The chair height and chair features in the chart below apply to all.

*9000E Series ESD Cleanroom Chairs Class 10 (Example)

Model#	Description	Height Adjustment
9050M-E1	Chair, Manual Back Adjustment, Hard Floor Casters	16½" - 22"
9051M-E1	Chair, Articulating Tilt Seat & Back, Hard Floor Casters	16½" - 22"
9350M-E1	Chair, Manual Back Adjustment, Chrome Base & Footring, Hard Floor Casters	20" - 27½"
9351M-E1	Chair, Chrome Footring, Articulating Tilt Seat & Back, Hard Floor Casters	20" - 27½"
9550M-E1	Chair, Manual Back Adj., 18" Chr. Footring, Hard Floor Casters	22½" - 32½"
9551M-E1	Chair, Articulating Tilt Seat & Back, Adj. 18" Chr. Footring, Hard Floor Casters	22½" - 32½"

When Ordering Remember:

- ◆ Specify Color
- ◆ Specify Back Rest Height
- ◆ Specify any options desired

Bevco Chair Color Options

Note that for cleanroom use, blue or black vinyl is required.



(800) 864-2991

www.bevco.com

Standard Fabrics



Burgundy*



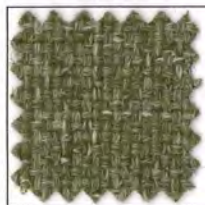
Medium Blue



Royal Blue*



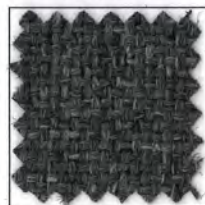
Navy Blue



Beige



Green



Gray*



Black*

Standard & Static Control Vinyl



Royal Blue



Black

Value-Line (V4) Series

Standard Fabric Colors

Black*	Royal Blue*
Gray*	Burgundy*

Value-Line (V8) Series

Static Control Fabric Colors

Navy Blue**

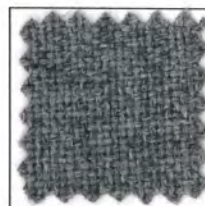
Static Control Fabric



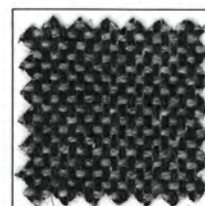
Slate Blue



Navy Blue**



Gray



Charcoal

Gibo/Kodama Cleanroom 8000 Series Class 10 (ISO 4)



Our Class 10 chairs incorporate an air exchange bladder system to protect against particulate outgassing.

Features of the 8000 Series:

- **Ergonomic adjustments** on the Back Tilt control are accomplished while in the seated position.
 - Back Height** - easily adjusted by loosening the right hand knob, raising or lowering back and re-tightening.
 - Seat Height** - adjusted with the right front lever that controls the pneumatic lift.
 - Back Angle** - controlled by the right rear lever that allows the angle of the back to adjust and be locked in any position.
- **Heavy-duty, polished aluminum base**
25" diameter for desk height, 28" diameter for bench height chairs
- **Adjustable Footring** - 20" diameter, chrome plated (bench height only).
- **Urethane bladders** seal in seat and back foam. Air exchange system to prevent any foam outgassing.
- **Vacuum formed vinyl seat and back**
- **Plastic control cover and cylinder cover with filter**

Models	Description	Height Adjustment
ACE8030-BT-Vxxx-07B POL	Desk Height Chair, . Back Tilt control with back angle adjustment, control cover, 25" diameter, 5-legged high polished aluminum base, Desk height chrome plated cylinder with sealed ends and filters, #07B chrome hooded dual wheel casters with brakes, Class 10 Cleanroom Package, ESD Package	17-3/4" to 22"
ACE8330-BT-Vxxx-07B POL	Bench Height Chair, Back Tilt control with back angle adjustment, control cover, 28" diameter, 5-legged high polished aluminum base, Bench height chrome plated cylinder with sealed ends and filters, #07B chrome hooded dual wheel casters with brakes, Class 10 Cleanroom Package, ESD Package	22-1/4" to 29-3/4"

Options:

- ◆ **Seat Height** - Multiple desk height ranges available
- ◆ **Choice of Upholstery Color (blue or black)**
- ◆ **Choice of Casters / Glides**

Seat and Back Size:

Seat: 18-1/2"W x 17"D sealed air exchange seat and bladder

Back: 18"W x 16"H sealed air exchange back and bladder

Gibo/Kodama Cleanroom 3000 Series Class 100 (ISO 5)

Features of the STAMINA C3000 Series:

- **Ergonomic adjustments** on the Ergo Tilt control
 - Back Height** - easily adjusted by loosening the right hand knob, raising or lowering back and re-tightening. Additional lumbar support is built into the high back and extra high back.
 - Seat Height** - adjusted with the right front lever that controls the pneumatic lift.
 - Seat/Back Angle** - both tilt angles are adjusted by lifting the right rear lever and positioning body before releasing.
- **Heavy-duty, polished aluminum base**
25" diam. for desk height, 28" diam. for bench height chairs
- **Adjustable footring** - 20" diameter chrome plated (bench height only)
- **Vinyl** - Grade 1 Colorguard Vinyl with Prefixx for non-ESD applications or Grade II Conductive Vinyl for ESD applications
- **Depth filtration ventilation for seat and back**
- **Fully upholstered seats and backs**
- **Weight Capacity** - 300 lbs.



The Stamina C3000 Cleanroom Chair meets current Cleanroom Standards while providing exceptional ergonomic features. We design productivity into every chair.

Models	Description	Height Adjustment
C3000ET-Vxxx-01	Desk Height Chair, Ergo Tilt control with seat/back angle adjustment, 25" diameter high polished 5-legged aluminum base, #01 chrome hooded dual wheel casters, Class 100 cleanroom package with filter	17" to 21-1/2"
C3300ET-Vxxx-01	Medium Bench Height Chair, Ergo Tilt control with seat/back angle adjustment, 28" diameter high polished 5-legged aluminum base, 20" diameter adjustable footring, #01 chrome hooded dual wheel casters, Class 100 cleanroom package with filters	22" to 29-1/2"
C3400ET-Vxxx-01	Low Bench Height Chair, (Same std. options as 3300ET)	19" to 25-1/2"
C3500ET-Vxxx-01	High Bench Height Chair, (Same std. options as 3300ET)	25" to 35"

Options:

- ◆ **Back Height** - Multiple back heights available
- ◆ **Seat Height** - Multiple height ranges available
- ◆ **Shortened Seat Pan**
- ◆ **Control** - Back Tilt or Independent Tilt
- ◆ **ESD Package** available, (blue or black)
- ◆ **Choice of Upholstery, Casters/Glides, Arms, Armpads**
(Chairs with arms may not meet Class 100 standards)

Grade 1 Colors:

- ◆ Deep Burgundy
- ◆ Marina Blue
- ◆ Royal Blue
- ◆ White
- ◆ Red
- ◆ Black
- ◆ Grey

Seat and Back Size:

Seat: 19"W x 18"D
contoured seat, 2-1/2" thick high resilient foam, vinyl upholstered

Back: 17-1/2"W x 12-1/2"H
standard back, 2-1/2" thick high resilient foam, fabric upholstered

Gibo/Kodama Cleanroom 4000 Series Class 100 (ISO 5)



The SYNCHRON C4000 Cleanroom Chair features a capacious contoured waterfall seatpan. It meets current Class 100 Cleanroom Standards while providing exceptional ergonomic features.

Features of the SYNCHRON C4000 Series:

- **Ergonomic adjustments** on the Independent Tilt control are accomplished while in the seated position
 - Back Height** - easily adjusted by loosening the right hand knob, raising or lowering back and re-tightening. Lumbar support is built in.
 - Seat Height** - adjusted with the right front lever that controls the pneumatic lift.
 - Seat Angle** - adjusted independently of the back angle with the right rear lever. Can be locked in any position.
 - Back Angle** - adjusted independently of the seat angle with the left rear lever. Can be locked in any position.
- **Heavy-duty, polished aluminum base** - 28" diameter
- **Adjustable Footring** - 20" diameter, chrome plated (bench height chairs)
- **Vinyl** - Grade 1 Colorguard Vinyl with Prefixx for non-ESD applications or Grade II Conductive Vinyl for ESD applications
- **Depth filtration ventilation for seat and back**
- **Fully upholstered seats and backs**
- **Weight Capacity** - 300 lbs.

Models	Description	Height Adjustment
C4000IT-Vxxx-01	Desk height Chair, Independent Tilt control with seat/back angle adjustment, 28" diameter high polished 5-legged aluminum base, #01 chrome hooded dual wheel casters, Class 100 cleanroom package with filters	17-1/2" to 22"
C4301IT-Vxxx-01	High Desk Height Chair, (Same std. options as C4000IT)	19" to 25-1/4"
C4300IT-Fxxx-01	Low Bench Height Chair, Independent Tilt control with seat/back angle adjustment, 28" diameter high polished 5-legged aluminum base, 20" diameter adjustable footring, #01 chrome hooded dual wheel casters, Class 100 cleanroom package with filters	19" to 25 -1/4"
C4400IT-Fxxx-01	High Bench Height Chair, (Same std. options as C4300IT)	22-1/2" to 30"

Options:

- ◆ **Seat Height** - Multiple height ranges available
- ◆ **Shortened Seat Pan**
- ◆ **ESD Package** available (blue or black)
- ◆ **Choice of Upholstery, Casters/Glides, Arms, Arm pads**
(Chairs with arms may not meet Class 100 standards)

Grade 1 Colors:

- ◆ Deep Burgundy
- ◆ Marina Blue
- ◆ Royal Blue
- ◆ White
- ◆ Red
- ◆ Black
- ◆ Grey

Seat and Back Size:

Seat: 22"W x 20"D
capacious waterfall seat, 2-1/2" thick high resilient foam, vinyl upholstered

Back: 20"W x 18"H standard back with built in lumbar, 2-1/2" thick high resilient foam

Gibo/Kodama Cleanroom 7000 Series Class 100 (ISO 5)

Features of the STAMINA C7000 Series:

- **Ergonomic adjustments** on the Ergo Tilt control
 - **Back Height** - easily adjusted by loosening the right hand knob, raising or lowering back and re-tightening. Additional lumbar support is built into the high back and extra high back.
 - **Seat Height** - adjusted with the right front lever that controls the pneumatic lift.
 - **Seat/Back Angle** - both angles are adjusted by lifting the right rear lever and positioning body before releasing..
- **Heavy-duty, polished aluminum base**
- **Adjustable footring** - 20" diameter, chrome plated (bench height)
- **Vinyl** - Grade 1 Colorguard Vinyl with Prefixx for non-ESD applications or Grade II Conductive Vinyl for ESD applications
- **Depth filtration ventilation for seat and back**
- **Fully upholstered seats and backs**
- **Weight Capacity** - 300 lbs.



The Stamina C7000's saddle seat was especially designed to help prevent workers in cleanroom suits from sliding off their chairs. In addition, the front of the saddle seat is cut back to allow easier access to the 20" diameter footrest.

Models	Description	Height Adjustment
C7000ET-Vxxx-01	Desk Height Chair, Ergo Tilt control with seat/back angle adjustment, 25" diameter high polished 5-legged aluminum base, #01 chrome hooded dual wheel casters, Class 100 cleanroom package with filters	17" to 21-1/2"
C7300ET-Vxxx-01	Medium Bench Height Chair, 28" diameter high polished 5-legged aluminum base, 20" diameter adjustable footring, #01 chrome hooded dual wheel casters, Class 100 cleanroom package with filters	22" to 29-1/2"
C7400ET-Vxxx-01	Low Bench Height Chair, (Same std. options as 7300ET)	19" to 25-1/2"
C7500ET-Vxxx-01	High Bench Height Chair, (Same std. options as 7300ET)	25" to 35"

Options:

- ◆ **Back Height** - Multiple back heights available
- ◆ **Seat Height** - Multiple height ranges available
- ◆ **Control** - Back Tilt or Independent Tilt
- ◆ **ESD Package** available (blue or black)
- ◆ **Choice of Upholstery, Casters/Glides, Arms, Arm pads**
(Chairs with arms may not meet Class 100 standards.)

Grade 1 Colors:

- ◆ Deep Burgundy
- ◆ Marina Blue
- ◆ Royal Blue
- ◆ White
- ◆ Red
- ◆ Black
- ◆ Grey

Seat and Back Size:

Seat: 21-1/2"W x 19-1/2"D saddle seat, 2-3/4" thick high resilient foam, vinyl upholstered

Back: 17-1/2"W x 12-1/2"H standard back, 2-1/2" thick high resilient foam, vinyl upholstered

Gibo/Kodama Caster Options

Non-ESD Casters



01
chrome hood, 2"
hard dual wheel

*For Standard Tile
and Carpet
(Not for concrete
floors)*



01B
chrome hood, 2"
hard dual wheel
with brake

*For Standard Tile
Only
(Not for carpet or
concrete)*



02
black hood, 2"
hard dual wheel

*For Standard Tile
and Carpet*



02B
black hood, 2"
hard dual wheel
with brake

*For Standard Tile
Only
(Not for carpet or
concrete)*



03
2" rubber non-
conductive
single wheel

*For Standard Tile
and Carpet*



09
chrome hood, 2"
soft dual wheel

*For Standard Tile
and Concrete
(Not for carpet)*



09B
chrome hood, 2"
soft dual wheel with
brake

*For Standard Tile
and Concrete
(Not for carpet)*



10
black hood, 2"
soft dual wheel

*For Standard Tile
and Concrete
(Not for carpet)*



10B
black hood, 2" soft
dual wheel with
brake

*For Standard Tile
and Concrete
(Not for carpet)*



G4
chrome plated steel
glide with nylon
bottom

*For Standard Tile,
Carpet and
Concrete*



G5
donut shaped nylon
glide

*For Standard Tile,
Carpet and
Concrete*

ESD Casters



06
conductive chrome
hood, 2" soft dual
wheel

*For ESD Tile,
Epoxy, Concrete*



06B
conductive chrome
hood, 2" soft dual
wheel with brake

*For ESD Tile,
Epoxy, Concrete*



B06B
conductive black
hood, 2" soft dual
wheel with brake

*For ESD Tile,
Epoxy, Concrete*



07
conductive chrome
hood, 2" die cast
steel dual wheel

*For ESD Tile, ESD
Carpet Tile*



07B
conductive chrome
hood, 2" die cast
steel dual wheel
with brake

For ESD Tile



26N
conductive chrome
hood, 3" soft dual
wheel with brake

*For ESD Tile, Con-
crete, Raised
Grated ESD Clean
Room Floors*



04
conductive 2"
rubber single wheel

*For ESD Tile, ESD
Carpet Tile*



G3
conductive chrome
plated steel glide

*For ESD Tile, ESD
Carpet Tile*

Gibo/Kodama Armrest Options for Series 3000, 4000, 7000

Arm Options <small>(Cleanroom chairs with arms may not meet Class 100 Standards.)</small>			
<p>Adjustable up/down, in/out trigger arm</p> <p>TE - upholstered w/matching ESD fabric or vinyl TF - upholstered w/matching fabric TV - upholstered w/matching vinyl TPD, TPC, TP39 - polyurethane pads (see Armpad Options)</p>	<p>Adjustable up/down, in/out trigger arm w/55 degree rotation</p> <p>RF - upholstered w/matching fabric RV - upholstered w/matching vinyl RPD, RPC, RP39 - polyurethane pads (see Armpad Options)</p>	<p>Adjustable up/down, in/out arms w/360 degree rotation</p> <p>MPD - w/Del Mar polyurethane pads MLF - w/large pads, matching fabric MLV - w/large pads, matching vinyl MSF - w/small pads, matching fabric MSV - w/small pads, matching vinyl</p>	
Armpad Options			
<p>Del Mar (TPD) polyurethane</p>	<p>Corona (TPC) polyurethane</p>	<p>APP39 (TP39) polyurethane</p>	
<p>YPAD S upholstered</p>	<p>YPAD upholstered</p>	<p>YPAD L upholstered</p>	

Gibo/Kodama C1000PL Series Stool Class 100 (ISO 5)



Features

- 15 1/2" diameter seats with 2 1/2" thick high resilient foam
- PL Control with vertical pneumatic lift only
- Five-legged polished aluminum base, 25" diameter
- Chrome plated cylinder column
- 20" diameter polished adjustable footring on bench height stools
- Vinyl: Grade 1 Colorguard Vinyl with Prefixx for non-ESD
Grade II Conductive Vinyl for ESD applications
- Depth filtration ventilation for seat

The C1000PL Series is a round stool that can be customized to meet a wide variety of applications. Its size allows it to be used in areas too small for many other chairs.

Models	Description	Height Adjustment
C1000PL-Vxxx-01	Desk Height Stool, Seat height range approximately Pneumatic Lift (PL) control with height adjustment only, Round seatpan (15-1/2" diameter) with 2-1/2" thick high resilient foam, Grade 1 vinyl, 25" diameter five-legged polished aluminum base, #01 chrome hooded dual wheel casters, Class 100 cleanroom package with filters	17" to 21-1/2"
.C1300PL-Vxxx-01	Medium Bench Height Stool, Seat height range approximately, (Same std. options as C1000PL)	22" to 29-1/2"
C1500PL-Vxxx-01	High Bench Height Stool, Seat height range approximately, (Same std. options as C1000PL)	25" to 35"

Options:

- ◆ **Variety of casters/glides**
- ◆ **Variety of vinyl colors**
- ◆ **ESD Package in blue or black**

Bevco® Static Control ESD Cleanroom Stools Class 10 (ISO 4)

NCI offers Bevco's ESD safe cleanroom seating for controlled environment applications that require static control.

Bevco's line of ergonomic cleanroom stools are ideal for applications within the semi-conductor, aerospace, bioscience, pharmaceutical, computer, medical device, medical equipment and munitions industries.

Static Control ESD Versions:

- All ESD chairs fully assembled at the factory and tested for conductivity prior to shipment
- All ESD stools include drop chain
- ESD casters
- ESD vinyl, upholstery has a surface resistance of 106 ohms/sq. or less, in blue or black

There are two base styles: five star polished aluminum base or chrome tubular steel base. ESD casters included on ESD stools. Optional footring.

For color indicate blue (L) or black (K)*.

All ESD Safe Cleanroom Stools feature an easy-to-use pneumatic seat height adjustment, and 360 degree swivel

Each cleanroom stool is designed to meet the particulate goals of Federal Standard 209/ISO 14644-1. Testing by an independent laboratory certifies Class 10, Class 100, Class 1,000 & Class 10,000 compliance.

3000E Series ESD Cleanroom Stools Class 10 (ISO 4)

Models	Description	Height Adjustment
3050*C50EE	Combination Cleanroom & ESD Stool, ESD Vinyl, 5 star Polished Alum. base	16½" - 21½"
3350*C80EE	Combination Cleanroom & ESD Stool, ESD Vinyl, 5 star Polished Alum. base	19½" - 27"
3550*C00EE	Combination Cleanroom & ESD Stool, ESD Vinyl, 5 star Polished Alum. base	21½" - 32½"
3210*C50EE	Combination Cleanroom & ESD Stool, ESD Vinyl, Chrome Tubular Steel base	20" - 25"
3610*C80EE	Combination Cleanroom & ESD Stool, ESD Vinyl, Chrome Tubular Steel base	25" - 30"



3350EE, with 5 star base, & optional glides

Bevco® Cleanroom Stools Class 10 (ISO 4)

- Comfortable, durable 15" diameter seat in black or blue vinyl. For color indicate blue (L) or black (K)*.
- Easy-to-use pneumatic seat height adjustment with 360° swivel.
- Sturdy five legged base in tubular steel or polished aluminum
- Hard floor casters included

3000 Series (Non-ESD) Cleanroom Stools Class 10 (ISO 4)

Models	Description	Height Adjustment
3050*C50C0	Cleanroom Stool, Vinyl, 5 star Polished Alum. base	16½" - 21½"
3350*C80C0	Cleanroom Stool, Vinyl, 5 star Polished Alum. base	19½" - 27"
3550*C00C0	Cleanroom Stool, Vinyl, 5 star Polished Alum. base	21½" - 32½"
3210*C50C0	Cleanroom Stool, Vinyl, Chrome Tubular Steel base	20" - 25"
3610*C80C0	Cleanroom Stool, Vinyl, Chrome Tubular Steel base	25" - 30"



3250C w/tubular steel base, & optional glides

Bevco® Static Control ESD Cleanroom Stools Class 10,000 (ISO 7)

NCI exclusive: Class 10,000 standard industrial stool offering a low cost option for cleanroom use.

Static Control ESD Versions:

- All ESD chairs fully assembled at the factory and tested for conductivity prior to shipment
- All ESD chairs include drop chain
- ESD casters
- ESD vinyl, upholstery has a surface resistance of 106 ohms/sq. or less

Bevco's line of ergonomic cleanroom stools are ideal for applications within the semi-conductor, aerospace, bioscience, pharmaceutical, computer, medical device, medical equipment and munitions industries.

There are two base styles: five star polished aluminum base or chrome tubular steel base. ESD casters included on ESD stools. Optional footring.

For color indicate blue (L) or black (K)*.

All ESD Safe Cleanroom Stools feature an easy-to-use pneumatic seat height adjustment, and 360 degree swivel

3000E Series ESD Cleanroom Stools Class 10,000 (ISO 7))

Models	Description	Height Adjustment
3050*V5UEE	Combination Cleanroom & ESD Stool, ESD Vinyl, 5 star Polished Alum. base	16½" - 21½"
3350*V8UEE	Combination Cleanroom & ESD Stool, ESD Vinyl, 5 star Polished Alum. base	19½" - 27"
3550*V0UEE	Combination Cleanroom & ESD Stool, ESD Vinyl, 5 star Polished Alum. base	21½" - 32½"
3210*V5UEE	Combination Cleanroom & ESD Stool, ESD Vinyl, Chrome Tubular Steel base	20" - 25"
3610*V8UEE	Combination Cleanroom & ESD Stool, ESD Vinyl, Chrome Tubular Steel base	25" - 30"



3250V w/tubular steel base & optional glides

Bevco® Cleanroom Stools Class 1000 (ISO 6) - 10,000 (ISO 7)

Cleanroom version of same stool as above, non ESD.

3000 Series Cleanroom Stools Class 10,000 (ISO 7))

Models	Description	Height Adjustment
3050*V5UC0	Cleanroom Stool, Vinyl, 5 star Polished Alum. base	16½" - 21½"
3350*V8UC0	Cleanroom Stool, Vinyl, 5 star Polished Alum. base	19½" - 27"
3550*V0UC0	Cleanroom Stool, Vinyl, 5 star Polished Alum. base	21½" - 32½"
3210*V5UC0	Cleanroom Stool, Vinyl, Chrome Tubular Steel base	20" - 25"
3610*V8UC0	Cleanroom Vinyl, Chrome Tubular Steel base	25" - 30"



3550 w/optional adj. foot ring

Bevco® Static Control ESD Stools Class 100,000 (ISO 8)

NCI offers Bevco's ESD safe **standard stool** seating for controlled environment applications that require static control.

Static Control ESD Versions:

- All ESD chairs fully assembled at the factory and tested for conductivity prior to shipment
- All ESD chairs include drop chain
- ESD casters
- ESD vinyl, upholstery has a surface resistance of 106 ohms/sq. or less

All ESD safe stools feature an easy-to-use pneumatic seat height adjustment, and 360 degree swivel

Bevco's line of ergonomic stools are ideal for applications within the semi-conductor, aerospace, bioscience, pharmaceutical, computer, medical device, medical equipment and munitions industries.

There are two base styles: five star polished aluminum base or chrome tubular steel base. ESD casters included on ESD stools. For color indicate blue (L) or black (K)*.

Standard ESD stools are also available in ESD fabric. Contact NCI for more information.

3000E Series ESD Stools Class 100,000 (ISO 8)

Models	Description	Height Adjustment
3050*V50EE	ESD Stool, ESD Vinyl, 5 star Polished Alum. base	16½" - 21½"
3350*V80EE	ESD Stool, ESD Vinyl, 5 star Polished Alum. base	19½" - 27"
3550*V00EE	ESD Stool, ESD Vinyl, 5 star Polished Alum. base	21½" - 32½"
3210*V50EE	ESD Stool, ESD Vinyl, Chrome Tubular Steel base	20" - 25"
3610*V80EE	ESD Stool, ESD Vinyl, Chrome Tubular Steel base	25" - 30"



3350E with optional glides

Bevco® Sit/Stand Stools Class 10,000 (ISO 7)

NCI offers Bevco's **sit/stand stool** seating for controlled environment applications that require static control.

Sit/Stand Stool Features:

- Fully assembled at the factory and tested for conductivity prior to shipment
- Polyurethane seat 13" in diameter and 2" thick
- Pneumatic adjustable height and 360 degree swivel
- Mushroom glides

Bevco's line of ergonomic stools are ideal for applications within the semi-conductor, aerospace, bioscience, pharmaceutical, computer, medical device, medical equipment and munitions industries.

There are two base styles: five star polished aluminum base or black reinforced plastic base. Contact NCI for more information.



Model 3505

Sit/Stand Stools Class 10,000 (ISO 7)

Models	Description	Height Adjustment
3505KU00G0	Sit/Stand Stool, Polyurethane Seat, Black Reinforced Plastic base	22" - 32"
3555KU00G0	Sit/Stand Stool, Polyurethane Seat, 5 Star Polished Aluminum base	20" - 30"



Model 3555

Palbam Class® Stainless Steel Stools

These stainless steel cleanroom stools meet the needs of customers that are looking for a totally stainless steel seating solution.

- Easy to clean and wipedown,
- Clean design with screw mechanism encased by tubing
- Made from stainless steel 304 with electropolished finish
- Available with fixed or adjustable height
- Floor connect, glides, or ESD casters available



SST-STOOL



SST-ADJ-STOOL

Models	Description	L x W Inches (mm)	Height Adjustment Inches (mm)
SST-STOOL-F	Fixed Height Stool— Floor Connect	14 x 14 (355 x 355)	20 (500)
SST-STOOL-G	Fixed Height Stool—On Glides	24 x 24 (600 x 600)	20 (500)
SST-STOOL-C	Fixed Height Stool—On ESD Casters	24 x 24 (600 x 600)	20 (500)
SST-ADJ-STOOL-F	Adjustable Height Stool—Floor Connect	24 x 24 (600 x 600)	18—23 (450—580)
SST-ADJ-STOOL-G	Adjustable Height Stool—On Glides	24 x 24 (600 x 600)	18—23 (450—580)
SST-ADJ-STOOL-C	Adjustable Height Stool—On ESD Casters	24 x 24 (600 x 600)	18—23 (450—580)

UMF® Stainless Steel Stools

These stainless steel stools are made by **UMF®**. They have a non-slip material mounted into recess of stool seat, flush finish.

- Seat diameter is 14",
- Seat adjusts with fast action one inch O.D. seat adjustment screw.
- Welded footrest or cross bar with rubber tips.
- Optional 2" ball-bearing swivel casters (factory installed only)
Caster item# 112CASTER.
- Optional removal of non-slip material



SS6700



SS6701



SS6704

UMF® Stainless Steel Seats and Stools

Models	Description	Height Adjustment
SS6700	Revolving Seat Stool with backrest, ring foot rest of 16.25" square	25" - 31"
SS6701	Revolving Seat Stool without backrest, ring foot rest is 16.25 square	25" - 31"
SS6704	Revolving Seat Stool without backrest	19" - 25"

Cleanroom Tables



Series 61 Formica Table - Class 10	G-2
Series 62 Stainless Steel Tables - Class 10	G-3
Series 64 Perforated S. Steel Table - Class 10	G-4
Eagle Flat S. Steel Top Worktable	G-5
Eagle Flat S. Steel Worktable w/Undershelf	G-6
Eagle Cleanroom S. Steel Table - Class 1-100	G-7
Eagle ET Worktables	G-8
Eagle Table Casters	G-8
Pro-Line Model HDSS Workbench	G-9
Pro-Line Model HDL Workbench	G-9
Pro-Line Model HD Workbench**	G-10
Pro-Line Model CHD Workbench**	G-10
Pro-Line Ergo Line Workstation**	G-11
Pro-Line Millennium II Workstation**	G-11
Pro-Line Optional Accessories**	G-12
Pro-Line Dimension Next**	G-13
Pro-Line Optional Accessories**	G-14

**Items available for Quick Ship

Series 61 White Laminate Top Table - Class 10 (ISO4)

The Clean Air Products Series 61 cleanroom table's heavy-duty design and quality construction will provide, under normal conditions, many years of reliable service.

- **Stainless steel support frame**
- **Compatible with cleanrooms Class 10-100,000**
- **Common sizes in stock for immediate shipping**
- **Static dissipative models available**
- **One year warranty**

The interior 1 1/8 inch wood core is covered on all surfaces with a high-pressure plastic laminate, creating a table that resists corrosion and is free from particulate generation. This work surface is mounted on a stainless steel support frame with square tubular steel support legs and an adjustable leg-leveling glide. The unit is shipped knocked down and easily

reassembles. The standard model is manufactured in white. Optional rolled edges available.

Static-dissipative laminate materials (10(6) to 10(8) ohms/sq. ft.) are available for applications where a build up of static charge is a problem. Standard color for tabletop is gray. (White is available as an option.)

Drawers in a variety of sizes can be located on the right, left, or both sides of the table. The drawers slide on roller bearing drawer slides for easy operation. The standard depth of the drawers are 6" and 12". Each drawer is available with a key lock.

Clean Air Products Series 61 White Laminate Top Table Class 10 (ISO4)

Model#	Description	L" x D" x H"
61-363030	Workstation Table, Stainless Steel Frame	36 x 30 x 30
61-363630	Workstation Table, Stainless Steel Frame	36 x 36 x 30
61-483030	Workstation Table, Stainless Steel Frame	48 x 30 x 30
61-603030	Workstation Table, Stainless Steel Frame	60 x 30 x 30
61-723030	Workstation Table, Stainless Steel Frame	72 x 30 x 30
61-362436	Workstation Table, Stainless Steel Frame	36 x 24 x 36
61-363036	Workstation Table, Stainless Steel Frame	36 x 30 x 36
61-363636	Workstation Table, Stainless Steel Frame	36 x 36 x 36
61-482436	Workstation Table, Stainless Steel Frame	48 x 24 x 36
61-483036	Workstation Table, Stainless Steel Frame	48 x 30 x 36
61-603036	Workstation Table, Stainless Steel Frame	60 x 30 x 36
61-603636	Workstation Table, Stainless Steel Frame	60 x 36 x 36
61-723036	Workstation Table, Stainless Steel Frame	72 x 30 x 36



61 Series Table With Optional Drawers

Options:

- ◆ **Adjustable Legs 30" to 36"**
- ◆ **Static Dissipative Table Top**
- ◆ **Keyboard Pullout Trays**
- ◆ **Rounded Front Edge of Table Top**
- ◆ **Drawers**
- ◆ **Footrest**
- ◆ **Shelves**
- ◆ **Outlet Strips**
- ◆ **Custom Colors**
- ◆ **Casters**



61 Series Table

Series 62 Solid Stainless Steel Table - Class 10 (ISO4)

This Series 62 table made by **Clean Air Products** has an all stainless-steel construction making a superior Solid Stainless Steel Cleanroom Table. It is also designed for quality, cleanliness and durability to provide superior cleanroom performance.

- **Stainless steel support frame**
- **Compatible with cleanrooms Class 10 to 100,000**
- **Common sizes in stock for immediate shipping**
- **62RT Recessed top (marine) also available**
- **One year warranty**

The Series 62 and 62RT are constructed of heavy-gauge stainless steel, including the legs, and underside bracing. They feature under-table cross bracing to provide a strong, flat work surface. All outside edges are formed to provide smooth, rounded corners.

This work surface is supported by square, tubular support legs and has a heavy-duty leg leveling glide. Shipped knocked-down and easy to assemble.

Clean Air Products Series 62 Stainless Steel Table

Model#	Description	L" x D" x H"
62-483030	Solid Stainless Steel Cleanroom Table	48 x 30 x 30
62-483036	Solid Stainless Steel Cleanroom Table	48 x 30 x 36
62-723030	Solid Stainless Steel Cleanroom Table	72 x 30 x 30
62-723630	Solid Stainless Steel Cleanroom Table	72 x 36 x 30
62-723636	Solid Stainless Steel Cleanroom Table	72 x 36 x 36



62 Series Stainless Steel Table
With Optional Drawers

Options:

- ◆ **Adjustable Legs 30" to 36"**
- ◆ **Keyboard Pullout Drawers**
- ◆ **Shelves, upper and lower**
- ◆ **Sink: welded in or set in**
- ◆ **Goosenecks**
- ◆ **Outlet Strips**
- ◆ **Footrest**
- ◆ **Drawers**
- ◆ **Casters**
- ◆ **Cut Outs**



62 Series Stainless Steel Table

Series 64 Perforated Stainless Steel Table Class 100

Perforated Stainless Steel tables by **Clean Air Products** provide the optimum cleanroom work surface for vertical flow cleanroom operation.

- **Ideal for vertical flow cleanroom applications**
- **Heavy 16 gauge stainless steel support frame**
- **Available in 1/8", 1/4", 3/8", 3/4" nominal hole diameters**
- **Allows uniform air flow through the work surface and eliminate eddies and stagnant air pockets that are on or above the work surface of all solid top tables**

perforated top creating a strong, smooth, flat work surface. The support frame and reinforcing bars are designed so none of the work surface holes are blocked to prevent entrapment of particulates. The top assembly is supported by tubular stainless steel legs, each with a leg leveling glide.

Perforated Stainless Steel Cleanroom tables have all formed edges, with welds cleaned and the outer surfaces brushed with a straight line finish. Each table is thoroughly inspected to provide a quality cleanroom work table.

The perforated top is welded to an outer stainless steel support frame. A series of vertical reinforcing bars are under the

Clean Air Products Series 64 Perforated Stainless Steel Table

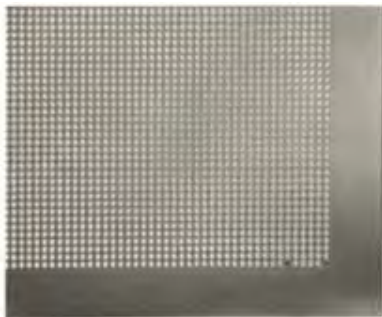
Model#	Description	L" x D" x H"
64-483030	Perforated Stainless Steel Cleanroom Table	48 x 30 x 30
64-603030	Perforated Stainless Steel Cleanroom Table	60 x 30 x 30
64-723030	Perforated Stainless Steel Cleanroom Table	72 x 30 x 30
64-963030	Perforated Stainless Steel Cleanroom Table	72 x 36 x 30



Leg Leveling Glides are Standard On All Tables

Options

- ◆ **Passivation**
- ◆ **Electropolishing**
- ◆ **Adjustable Legs**
- ◆ **Upper/Lower Shelves**
- ◆ **Casters**
- ◆ **Leg Corner Braces**
- ◆ **Diagonal Leg Bracing**
- ◆ **Foot rest**
- ◆ **Bull nose Edge(s)**



Perforated Table Close Up
Available in 1/8", 1/4", 3/8", 3/4" nominal hole diameters



64 Series Perforated Table
With Optional Gussets
For Heavy Loading

Eagle® Flat Top/Solid Tubular Base Table

Eagle® worktables with flat top are available in:

- **Budget, 16/430 Stainless Steel Top**
- **Deluxe, 16/304 Stainless Steel Top**
- **Spec-Master®, 14/304 Stainless Steel Top featuring all stainless steel construction**

Crossbrace is
1¼" (32mm)
diameter tubular
stainless steel.



Each series offers worktables with a rolled edge on the front and rear, with ends turned down 90°. All worktables are available with tubular base with stainless steel legs. All units feature heavy gauge polished stainless steel top. Adjustable working height 35 ½" to 36 ½" (892-918mm)

Legs are 1½"(41mm) Diameter, 16 Gauge Stainless Steel.

Eagle® Flat Top Worktable with Stainless Steel Tubular Base

Budget	Deluxe	Spec-Master®	# of legs	Weight lbs.	kg	Cubic ft.	Width in.	length mm
T2424STB	T2424STEB	T2424STE	4	40	18.1	3.5	24" x 24"	610 x 610
T2430STB	T2430STEB	T2430STE	4	45	20.4	3.8	24" x 30"	610 x 762
T2436STB	T2436STEB	T2436STE	4	50	22.7	4.4	24" x 36"	610 x 914
T2448STB	T2448STEB	T2448STE	4	60	27.2	5.7	24" x 48"	610 x 1219
T2460STB	T2460STEB	T2460STE	4	70	31.8	7.1	24" x 60"	610 x 1524
T2472STB	T2472STEB	T2472STE	4	80	36.3	8.5	24" x 72"	610 x 1829
T2484STB	T2484STEB	T2484STE	4	90	40.8	11.2	24" x 84"	610 x 2134
T2496STB	T2496STEB	T2496STE	6	100	45.4	11.2	24" x 96"	610 x 2438
T3030STB	T3030STEB	T3030STE	4	47	21.3	3.8	30" x 30"	762 x 762
T3036STB	T3036STEB	T3036STE	4	53	24.0	4.4	30" x 36"	762 x 914
T3048STB	T3048STEB	T3048STE	4	65	29.5	5.7	30" x 48"	762 x 1219
T3060STB	T3060STEB	T3060STE	4	77	34.9	7.1	30" x 60"	762 x 1524
T3072STB	T3072STEB	T3072STE	4	89	40.4	8.5	30" x 72"	762 x 1829
T3084STB	T3084STEB	T3084STE	4	101	45.8	11.2	30" x 84"	762 x 2134
T3096STB	T3096STEB	T3096STE	6	113	51.3	11.2	30" x 96"	762 x 2438
T3648STB	T3648STEB	T3648STE	4	73	33.1	7.0	36" x 48"	914 x 1219
T3660STB	T3660STEB	T3660STE	4	87	39.5	8.8	36" x 60"	914 x 1524
T3672STB	T3672STEB	T3672STE	4	101	45.8	10.5	36" x 72"	914 x 1829
T3684STB	T3684STEB	T3684STE	4	115	52.2	12.2	36" x 84"	914 x 2134
T3696STB	T3696STEB	T3696STE	6	129	58.5	13.9	36" x 96"	914 x 2438
n/a	n/a	T4848STE	4	87	39.5	9.3	48" x 48"	1219 x 1219
n/a	n/a	T4860STE	4	101	45.8	14.0	48" x 60"	1219 x 1524
n/a	n/a	T4872STE	6	115	52.2	14.0	48" x 72"	1219 x 1829
n/a	n/a	T4884STE	8	120	54.4	18.7	48" x 84"	1219 x 2134
n/a	n/a	T4896STE	8	143	64.9	18.7	48" x 96"	1219 x 2438

Options:

- ◆ **Zinc Casters w/Resilient Tread**
- ◆ **Zinc Casters w/Poly Tread**
- ◆ **Polymer Cart Casters Washable with Polymer Tread**
- ◆ **Galvanized Legs**
- ◆ **Galvanized Base**
- ◆ **Marine Version**

See page 8 for caster information.

Larger size tables are available.
Contact NCI for more information.

Eagle® Flat Top/Stainless Steel Leg Table With Undershef

Eagle® worktables with flat top are available in:

- **Budget, 16/430 Stainless Steel Top**
- **Deluxe, 16/304 Stainless Steel Top**
- **Spec-Master®, 14/304 Stainless Steel Top featuring all stainless steel construction, incl. hat channels**

Each series offers worktables with a rolled edge on the front and rear, with ends turned down 90°. All worktables are available with tubular base, under-shelf, stainless steel legs. All units feature heavy gauge polished stainless steel top. Adjustable working height 35 1/8" to 36 1/8" (892-918mm)

Legs are 1 5/8" (41mm) Diameter, 16 Gauge Stainless Steel.

Crossbrace is 1 1/4" (32mm) diameter tubular stainless steel.



Eagle® Flat Top Worktable with Stainless Steel Tubular Base and Undershef

Budget	Deluxe	Spec-Master®	# of legs	Weight lbs.	kg	Cubic ft.	Width in.	length mm
T2424SB	T2424SEB	T2424SE	4	40	18.1	3.5	24" x 24"	610 x 610
T2430SB	T2430SEB	T2430SE	4	45	20.4	3.8	24" x 30"	610 x 762
T2436SB	T2436SEB	T2436SE	4	50	22.7	4.4	24" x 36"	610 x 914
T2448SB	T2448SEB	T2448SE	4	60	27.2	5.7	24" x 48"	610 x 1219
T2460SB	T2460SEB	T2460SE	4	70	31.8	7.1	24" x 60"	610 x 1524
T2472SB	T2472SEB	T2472SE	4	80	36.3	8.5	24" x 72"	610 x 1829
T2484SB	T2484SEB	T2484SE	4	90	40.8	11.2	24" x 84"	610 x 2134
T2496SB	T2496SEB	T2496SE	6	100	45.4	11.2	24" x 96"	610 x 2438
T3030SB	T3030SEB	T3030SE	4	46	20.9	3.8	30" x 30"	762 x 762
T3036SB	T3036SEB	T3036SE	4	52	23.6	4.4	30" x 36"	762 x 914
T3048SB	T3048SEB	T3048SE	4	64	29.0	5.7	30" x 48"	762 x 1219
T3060SB	T3060SEB	T3060SE	4	76	34.5	7.1	30" x 60"	762 x 1524
T3072SB	T3072SEB	T3072SE	4	84	38.1	8.5	30" x 72"	762 x 1829
T3084SB	T3084SEB	T3084SE	4	96	43.6	11.2	30" x 84"	762 x 2134
T3096SB	T3096SEB	T3096SE	6	108	49.0	11.2	30" x 96"	762 x 2438
T3648SB	T3648SEB	T3648SE	4	70	31.8	7.0	36" x 48"	914 x 1219
T3660SB	T3660SEB	T3660SE	4	82	37.2	8.8	36" x 60"	914 x 1524
T3672SB	T3672SEB	T3672SE	4	96	43.6	10.5	36" x 72"	914 x 1829
T3684SB	T3684SEB	T3684SE	4	108	49.0	12.2	36" x 84"	914 x 2134
T3696SB	T3696SEB	T3696SE	6	120	54.4	13.9	36" x 96"	914 x 2438
n/a	n/a	T4848SE	4	124	56.2	9.3	48" x 48"	1219 x 1219
n/a	n/a	T4860SE	4	146	66.2	14.0	48" x 60"	1219 x 1524
n/a	n/a	T4872SE	6	171	77.6	14.0	48" x 72"	1219 x 1829
n/a	n/a	T4884SE	8	197	89.4	18.7	48" x 84"	1219 x 2134
n/a	n/a	T4896SE	8	241	109.3	18.7	48" x 96"	1219 x 2438

Options:

- ◆ Zinc Casters w/Resilient Tread
- ◆ Zinc Casters w/Poly Tread
- ◆ Polymer Cart Casters Washable with Polymer Tread
- ◆ Galvanized Legs
- ◆ Galvanized Base and Undershef
- ◆ Marine Version

See page G-8 for caster information.

Larger size tables are available. Contact NCI for more information.

Eagle® Cleanroom Table Tops - Class 1-100 Alcohol Wiped and Cleanroom Bagged

Cleanroom Table Tops by **Eagle®** are available with solid or perforated tops, brushed or electroplated finish. Perforated tops allow for 23-25% laminar flow depending on size.

Prefixes:

- **CRT Series -** **Brushed stainless solid top.**
- **CRPT Series -** **Brushed stainless perforated top**
- **SEP Series -** **Electropolished solid top**
- **EPCRT Series -** **Electropolished perforated top**

All cleanroom tables are shipped knocked down, reducing freight costs and potential freight damage.



H-Frame Base

**Brushed Steel table tops are rated Class 100,
Electropolished table tops are Class 1.**

All table tops are 14 gauge, type 304 stainless.

Eagle® Cleanroom Table Top with Solid or Perforated Top

CRT Series	CRPT Series	SEP Series	EPCRT Series	Weight lbs.	kg	Cubic ft.	Width x length in.	mm
CRT2424T	CRPT2424T	SEP2424T	EPCRT2424T	30	13.6	2.9	24" x 24"	610 x 610
CRT2436T	CRPT2436T	SEP2436T	EPCRT2436T	40	18.1	3.5	24" x 36"	610 x 914
CRT2448T	CRPT2448T	SEP2448T	EPCRT2448T	50	22.7	4.6	24" x 48"	610 x 1219
CRT2460T	CRPT2460T	SEP2460T	EPCRT2460T	58	26.3	5.7	24" x 60"	610 x 1524
CRT2472T	CRPT2472T	SEP2472T	EPCRT2472T	76	34.5	6.9	24" x 72"	610 x 1829
CRT2484T	CRPT2484T	SEP2484T	EPCRT2484T	80	36.3	7.9	24" x 84"	610 x 2134
CRT2496T	CRPT2496T	SEP2496T	EPCRT2496T	101	45.8	9.1	24" x 96"	610 x 2438
CRT3030T	CRPT3030T	SEP3030T	EPCRT3030T	32	14.5	2.9	30" x 30"	762 x 762
CRT3036T	CRPT3036T	SEP3036T	EPCRT3036T	42	19.1	3.5	30" x 36"	762 x 914
CRT3048T	CRPT3048T	SEP3048T	EPCRT3048T	55	24.9	4.6	30" x 48"	762 x 1219
CRT3060T	CRPT3060T	SEP3060T	EPCRT3060T	66	29.9	5.7	30" x 60"	762 x 1524
CRT3072T	CRPT3072T	SEP3072T	EPCRT3072T	79	35.8	6.9	30" x 72"	762 x 1829
CRT3084T	CRPT3084T	SEP3084T	EPCRT3084T	91	41.3	7.9	30" x 84"	762 x 2134
CRT3096T	CRPT3096T	SEP3096T	EPCRT3096T	112	50.8	9.1	30" x 96"	762 x 2438
CRT3636T	CRPT3636T	SEP3636T	EPCRT3636T	50	22.7	4.4	36" x 36"	914 x 914
CRT3648T	CRPT3648T	SEP3648T	EPCRT3648T	63	28.6	5.5	36" x 48"	914 x 1219
CRT3660T	CRPT3660T	SEP3660T	EPCRT3660T	75	34.0	6.8	36" x 60"	914 x 1524
CRT3672T	CRPT3672T	SEP3672T	EPCRT3672T	90	40.8	8.1	36" x 72"	914 x 1829
CRT3684T	CRPT3684T	SEP3684T	EPCRT3684T	106	48.1	9.5	36" x 84"	914 x 2134
CRT3696T	CRPT3696T	SEP3696T	EPCRT3696T	125	56.7	10.8	36" x 96"	914 x 2438

Choose Base Needed:

- ◆ H-Frame Stainless
- ◆ H-Frame Electropolished
- ◆ C-Frame Stainless
- ◆ C-Frame Electropolished

Options:

- ◆ **Welded construction available on both stainless C& H frames**
- ◆ **Solid Undershelf**
- ◆ **Perforated Undershelf**
- ◆ **Electropolished Solid Undershelf**
- ◆ **Electropolished Perforated Undershelf**



C-Frame Base

Eagle® ET Worktables

These economical worktables made by **Eagle®** offer many features at a budget friendly price in a wide selection of sizes.

- **20 gauge type 430 stainless steel top featuring 90° turndown on all four sides**
- **Standard galvanized adjustable undershelf with zinc plated leg sockets**
- **1⁵/₈" galvanized legs**
- **Plastic bullet feet**
- **All worktables 60" and longer feature three hat channels the length of work surface**
- **All worktables pre-punched including hardware for installation of 20" x 20" drawer assemblies**
- **Exclusive patented uni-lok® design for superior strength and performance**

Worktables are knocked-down, and carton packed for easy shipping.



ET Worktable with Adjustable Undershelf

Eagle® ET Worktable with Adjustable Undershelf

Model#	width x length	
	in.	mm
ET2424B	24" x 24"	610 x 610
ET2430B	24" x 30"	610 x 762
ET2436B	24" x 36"	610 x 914
ET2448B	24" x 48"	610 x 1219
ET2460B	24" x 60"	610 x 1524
ET2472B	24" x 72"	610 x 1829
ET2496B	24" x 96"	610 x 2438
ET3030B	30" x 30"	762 x 762
ET3036B	30" x 36"	762 x 914
ET3048B	30" x 48"	762 x 1219
ET3060B	30" x 60"	762 x 1524
ET3072B	30" x 72"	762 x 1829
ET3096B	30" x 96"	762 x 2438

Optional Casters For All Eagle® Tables

Optional Casters - Zinc with Resilient Tread

Model#	Description	Wt. capacity per caster	
		lbs.	kg
CA4-SB	4" (102mm) dia., set of 4 (2 swivel, 2 w/brake)	115	52.2
CA6-SB	4" (102mm) dia., set of 6 (3 swivel, 3 w/brake)	115	52.2
CAH4-SB	5" (127mm) dia., set of 4 (2 swivel, 2 w/brake)	200	90.7
CAH6-SB	5" (127mm) dia., set of 6 (3 swivel, 3 w/brake)	200	90.7

Optional Casters - Zinc w/Poly Tread

Model#	Description	Wt. capacity per caster	
		lbs.	kg
CAHP4-SB	5" (127mm) dia., set of 4 (2 swivel, 2 w/brake)	250	113.4
CAHP6-SB	5" (127mm) dia., set of 6 (3 swivel, 3 w/brake)	250	113.4

Optional Casters - Polymer Cart Washable w/Poly Tread

Model#	Description	Wt. capacity per caster	
		lbs.	kg
CAHW4-SB	5" (127mm) dia., set of 4 (2 swivel, 2 w/brake)	250	113.4
CAHW6-SB	5" (127mm) dia., set of 6 (3 swivel, 3 w/brake)	250	113.4

Pro-Line Model HDSS Workbench

The Pro-Line workstation system allows you to build a modular workstation. The Model HDSS features a stainless steel frame and 3 options of work surface.

- Heavy duty independent 4 leg design
- 8" back rail, 2" front rail
- 2" Square tube legs, 16 gauge stainless steel
- Available knocked down or fully assembled
- Three work surfaces offered: Stainless Steel, Epoxy Resin, or Chem-Guard® chemical resistant laminate.
- 8" back rail and 2" front rail
- Standard height 30"



Model HDSS - Stainless Steel Worksurface

Pro-Line Model HDSS Stainless Steel Workbench

Base Model# L" x W"	Stainless Steel	Epoxy Resin	Chem-Guard®
HDSS4830	HDSS483030SS	HDSS483030ER	HDSS483030CG
48"L x 30"W	Wt.(lbs.) 140	Wt.(lbs.) 191	Wt.(lbs.) 110
HDSS4836	HDSS483630SS	HDSS483630ER	HDSS483630CG
48"L x 36"W	Wt.(lbs.) 148	Wt.(lbs.) 222	Wt.(lbs.) 118
HDSS6030	HDSS603030SS	HDSS603030ER	HDSS603030CG
60"L x 30"W	Wt.(lbs.) 156	Wt.(lbs.) 234	Wt.(lbs.) 125
HDSS6036	HDSS603630SS	HDSS603630ER	HDSS603630CG
60"L x 36"W	Wt.(lbs.) 173	Wt.(lbs.) 265	Wt.(lbs.) 135
HDSS7230	HDSS723030SS	HDSS723030ER	HDSS723030CG
72"L x 30"W	Wt.(lbs.) 178	Wt.(lbs.) 273	Wt.(lbs.) 140
HDSS7236	HDSS723630SS	HDSS723630ER	HDSS723630CG
72"L x 36"W	Wt.(lbs.) 195	Wt.(lbs.) 307	Wt.(lbs.) 150

Options

- Casters
- Leg Extenders 6"
- Upright supports (pair)
- Shelves
- Bin Holders
- Foot Rests
- Drawers
- Ground Kits
- Articulating Monitor Arm
- Pull out Writing Shelf
- Inspection Light
- Pad Lock Drawer

See page G-12 for more details on optional accessories

Pro-Line Model HDL Workbench

The Pro-Line Model HDL is a sturdy four leg design station.

Features include:

- 4" front, back and side rails to support work surface.
- Allows operator to work from either side.
- PVC boot for each leg to protect station during cleanups.
- Standard height 30"



Model HDL

Pro-Line Model HDL Workbench

Base Model# L" x W"	Stainless Steel	Epoxy Resin	Chem-Guard®
HDL4830	HDL483030SS	HDL483030ER	HDL483030CG
48"L x 30"W	Wt.(lbs.) 140	Wt.(lbs.) 191	Wt.(lbs.) 110
HDL4836	HDL483630SS	HDL483630ER	HDL483630CG
48"L x 36"W	Wt.(lbs.) 148	Wt.(lbs.) 222	Wt.(lbs.) 118
HDL6030	HDL603030SS	HDL603030ER	HDL603030CG
60"L x 30"W	Wt.(lbs.) 156	Wt.(lbs.) 234	Wt.(lbs.) 125
HDL6036	HDL603630SS	HDL603630ER	HDL603630CG
60"L x 36"W	Wt.(lbs.) 173	Wt.(lbs.) 265	Wt.(lbs.) 135
HDL7230	HDL723030SS	HDL723030ER	HDL723030CG
72"L x 30"W	Wt.(lbs.) 178	Wt.(lbs.) 273	Wt.(lbs.) 140
HDL7236	HDL723630SS	HDL723630ER	HDL723630CG
72"L x 36"W	Wt.(lbs.) 195	Wt.(lbs.) 307	Wt.(lbs.) 150

Pro-Line Model HD Workbench

The **Pro-Line** workstation system allows you to build a modular workstation. The Model HD is their heavy duty base table.

- **Heavy Duty independent 4 leg design**
- **Modular accessories available**
- **2" Square tube legs, high quality paint finish**
- **1,000 lbs. capacity**
- **High quality paint finish**
- **Base model comes 30" high**

T mold protection around the perimeter of laminate tops. Matching T mold laminate face modular drawers available to protect operators legs and clothing.



Pro-Line Model HD Workbench

Base Model# L" x W"	Plastic Laminate	E.S.D.	Solid Maple
HD4830 48"L x 30"W	HD483030PL Wt.(lbs) 100	HD483030ESD Wt.(lbs.) 100	HD483030SM Wt.(lbs.) 124
HD6030 60"L x 30"W	HD603030PL Wt.(lbs.) 115	HD603030ESD Wt.(lbs.) 115	HD603030SM Wt.(lbs) 145
HD7230 72"L x 30"W	HD723030PL Wt.(lbs) 130	HD723030ESD Wt.(lbs) 130	HD723030SM Wt.(lbs) 167
HD9630 96"L x 30"W	HD963030PL Wt.(lbs) 160	HD963030ESD Wt.(lbs.) 160	HD963030SM Wt.(lbs) 209
HD4836 48"L x 36"W	HD483630PL Wt.(lbs) 108	HD483630ESD Wt.(lbs) 108	HD483630SM Wt.(lbs) 137
HD6036 60"L x 36"W	HD603630PL Wt.(lbs) 125	HD603630ESD Wt.(lbs) 125	HD603630SM Wt.(lbs) 162
HD7236 72"L x 36"W	HD723630PL Wt.(lbs) 140	HD723630ESD Wt.(lbs) 140	HD723630SM Wt.(lbs) 184
HD9636 96"L x 36"W	HD963630PL Wt.(lbs) 170	HD963630ESD Wt.(lbs) 170	HD963630SM Wt.(lbs) 229

HD and CHD Workstations available for Quick Ship!



Model CHD
With Optional
Accessories Found on Page 12

Pro-Line Model CHD Workstation

Base Model# L" x W"	Plastic Laminate	E.S.D.	Solid Maple
CHD4830 48"L x 30"W	CHD483030PL Wt.(lbs) 117	CHD483030ESD Wt.(lbs) 119	CHD483030SM Wt.(lbs) 143
CHD6030 60"L x 30"W	CHD603030PL Wt.(lbs) 138	CHD603030ESD Wt.(lbs) 138	CHD603030SM Wt.(lbs) 168
CHD7230 72"L x 30"W	CHD723030PL Wt.(lbs) 158	CHD723030ESD Wt.(lbs) 158	CHD723030SM Wt.(lbs) 195
CHD4836 48"L x 36"W	CHD483630PL Wt.(lbs) 126	CHD483630ESD Wt.(lbs) 126	CHD483630SM Wt.(lbs) 155
CHD6036 60"L x 36"W	CHD603630PL Wt.(lbs) 158	CHD603630ESD Wt.(lbs) 158	CHD603630SM Wt.(lbs) 195
CHD7236 72"L x 36"W	CHD723630PL Wt.(lbs) 168	CHD723630ESD Wt.(lbs) 168	CHD723630SM Wt.(lbs.) 212

Pro-Line Model CHD Workbench

Utilizing the same accessories as the Model HD, the **Pro-Line** Cantilevered Heavy Duty (CHD) workbench is for those who want the mobility of an independent workstation design but need the front leg recessed for leg clearance.

- **Comes standard with a modesty panel.**
- **850 lbs. capacity**
- **Standard height 30"**
- **Optional Leg Extender available, 6" extenders in 1" increments**

(must be ordered at same time as workstation purchase)

Part No.	Description	Wt. (lbs.)
CHDL-6	6" Leg Extenders For the Model CHD	8

Pro-Line Ergo-Line Workstation

Ergonomists at the world's largest manufacturers have recognized repetitive motion injury (RMI) can be greatly reduced and productivity greatly increased by changing positions during the work process. Ergo-Line by **Pro-Line** allows operators of all sizes and physical characteristics to change work surface height at will.

- **Hand Crank** adjusts height 30" to 42"
- **330 lb. capacity**
- **Other height and weight requirements available**

Pro-Line's optional work surface tilting feature and Hydraulic electric height adjustment available are available upon request.

Pro-Line Ergo-Line Workstation

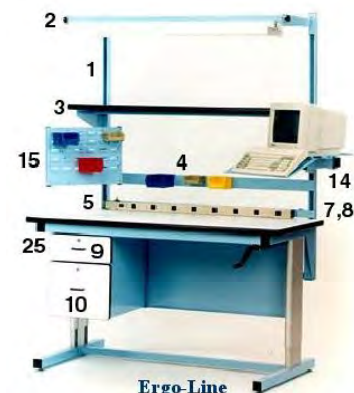
Base Model # Size L" x W"	Plastic Laminate	E.S.D.	Solid Maple
EL4830 30"-42" 48"L x 30"W	EL4830PL Wt.(lbs.) 125	EL4830ESD Wt.(lbs.) 125	EL4830SM Wt.(lbs.) 150
EL4836 30"-42" 48"L x 36"W	EL4836PL Wt.(lbs.) 133	EL4836ESD Wt.(lbs.) 133	EL4836SM Wt.(lbs.) 162
EL6030 30"-42" 60"L x 30"W	EL6030PL Wt.(lbs.) 140	EL6030ESD Wt.(lbs.) 140	EL6030SM Wt.(lbs.) 170
EL6036 30"-42" 60"L x 36"W	EL6036PL Wt.(lbs.) 150	EL6036ESD Wt.(lbs.) 150	EL6036SM Wt.(lbs.) 187
EL7230 30"-42" 72"L x 30"W	EL7230PL Wt.(lbs.) 155	EL7230ESD Wt.(lbs.) 155	EL7230SM Wt.(lbs.) 192
EL7236 30"-42" 72"L x 36"W	EL7236PL Wt.(lbs.) 165	EL7236ESD Wt.(lbs.) 165	EL7236SM Wt.(lbs.) 209

Pro-Line Millennium II Workstation

This is the workstation for the next millennium by **Pro-Line**.

- **UL and CSA approved motor and control box**
- **1000 lbs. capacity**
- **Four position programmable height memory switch**
- **Ships knocked down or assembled**
- **16" of travel**
- **Unit adjusts from 30.5" to 46.5" only.**

The MVSII is an electric height adjustable workstation. The unit has adjustable height, HD capacity, at a travel rate of .5" per second. Sturdy by simple design allows assembly in the field in minutes. Programmable switch allows operator to program up to three heights into memory or use the up/down switch for full 16" of travel. Modular drawer system can be added in the field.



Ergo-Line
With Optional Accessories
Found on Page 12

*Ergo-Line and
Millennium II
models available for
Quick Ship!*



**Millennium II
With Optional
Accessories on
Page G-12**

Millennium II

Pro-Line Millennium II Workstation

Base Model# Size L" x W"	Plastic Laminate	E.S.D.	Solid Maple
MVSII4830 48"L x 30"W	MVSII4830PL Wt.(lbs.) 190	MVSII4830ESD Wt.(lbs.) 190	MVSII4830SM Wt.(lbs.) 214
MVSII4836 48"L x 36"W	MVSII4836PL Wt.(lbs.) 214	MVSII4836ESD Wt.(lbs.) 214	MVSII4836SM Wt.(lbs.) 238
MVSII6030 60"L x 30"W	MVSII6030PL Wt.(lbs.) 210	MVSII6030ESD Wt.(lbs.) 210	MVSII6030SM Wt.(lbs.) 240
MVSII6036 60"L x 36"W	MVSII6036PL Wt.(lbs.) 230	MVSII6036ESD Wt.(lbs.) 230	MVSII6036SM Wt.(lbs.) 272
MVSII7230 72"L x 30"W	MVSII7230PL Wt.(lbs.) 230	MVSII7230ESD Wt.(lbs.) 230	MVSII7230SM Wt.(lbs.) 272
MVSII7236 72"L x 36"W	MVSII7236PL Wt.(lbs.) 250	MVSII7236ESD Wt.(lbs.) 250	MVSII7236SM Wt.(lbs.) 292

Pro-Line Optional In Stock Modular Accessories for Quick Ship

1.) Select Base Model

Model	Length	Width	Height	Work Surface	Color
HD	60	30	30	PL	H11
The Prefix designates the Model	The first Two numbers designate the length in inches	The second two numbers designate the width in inches	The last two numbers designate the height in inches (custom # chg.)	Select type of work surface required (PL) Std. Laminate (ESD) ESD Laminate (SM) Solid Maple	Select a color choice in std. colors (Custom. colors avail. extra chg)



2.) Select Optional Modular Accessories for Quick Shipping

No.	Description	For 60" L x 30" W		For 72" L x 30" W	
		Stock#	Weight	Stock#	Weight
1	Accessory Upright Supports (one pair) Extend 48" above surface	UR60	20	UR60	20
2	Overhead Light Frame with 2 bulb fixture	OLF60	27	OLF72	28
3	12" Deep Cantilever Shelf	CSPL1260P	30	CSPL1272P	36
3A	12" Deep Cantilever Shelf ESD	CSPL1260C	30	CSPL1272C	36
3B	18" Deep Cantilever Shelf	CSPL1860P	35	CSPL1872P	40
3C	18" Deep Cantilever Shelf ESD	CSPL1860C	35	CSPL1872C	40
4	Bin Holder	BH60	6	BH72	7
5	Air Supply (mounts ESMR)	AQDC	1.5	AQDC	1.5
6	Footrest	FR60	7	FR72	8
13	Footrest Guard	FRG60	0.5	FRG72	0.5
7	Power Supply (8 outlets 15 amp 120 volt)	ES48	4.5	ES48	4.5
8	Electrical Supply Mounting Rail	ESMR60	6	ESMR72	7
9	6" Drawer includes lock (Steel housing with laminate drawer face)	MDS6	26	MDS6	26
10	12" Drawer includes lock (Steel housing with laminate drawer face)	MDS12	38	MDS12	38
	Drawer Hanging Kit (one per station required with drawers, POWS or DP-1)	HK	0.52	HK	0.52
11	Ground Kit for Conductive Stations includes two banana jacks	SGK-J2	0.5	SGK-J2	0.5
14	Articulating Monitor Arm	MA-1	19	MA-1	19
15	Articulating Bin Arm	ABH-1	19	ABH-1	19
16	Tool Suspension Frame II (mounts to OLF)	LTF60	13	LTF72	14
17	Tool Balancer (mounts to LTF)	TB-5	6	TB-5	6
18	Pull Out Writing Shelf	POWS	12	POWS	12
19	6" Leg Extenders (Models HD only) 6" adj.	HDLE-6	8	HDLE-6	8
20	3 Diopter Inspection Light	MAG1	9	MAG1	9
21	Inspection Light Mounting Bracket	LOMB	1	LOMB	1
22	Pad Lock Drawer (Light Blue Only)	DP-1	13	DP-1	13
23	90 degree rolled front edge upcharge	PF	N/A	PF	N/A

How to Configure a Pro-Line Modular Workstation

Configure the work station to meet your requirements. When ordering please specify

- **Base model (HD6030) first**
- **Work surface choice: (P) standard laminate, (ESD)ESD laminate, (M) maple.**
- **Select options from graph. Keep in mind some components mount to other components. i.e.: (OLF) light frame mounts to (UR60) uprights.**
- **Please specify frame color. Light Beige, Light Blue or Light Gray.**

Light Blue Only MVSII
 Light Blue only Risers and Riser Options/DP-1
 Painted Steel Standard Colors:

- Light Beige F6H11
- Light Blue F6L14
- Light Gray F63A31

Plastic Laminate Top Colors:

- Standard White SW806
- Other colors at additional charge: Black, Royal Blue, Beige, French Blue, Lt. Gray

ESD Plastic Laminate Top Colors:

- Standard White SW837
- Other colors at additional charge: Beige, Light Blue, Dove Gray

Work Surface T Mold Edges

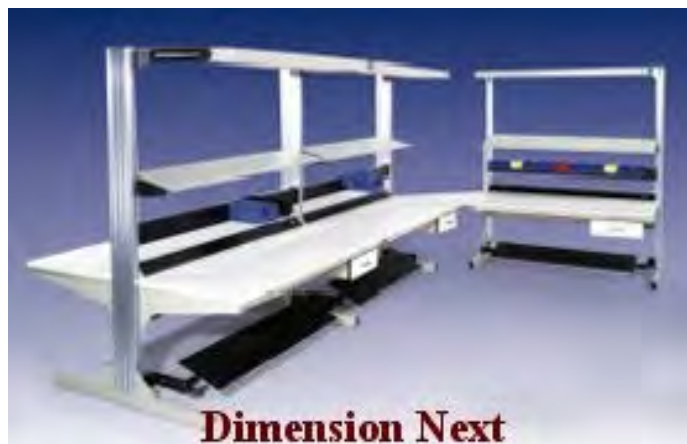
- Standard Black
- Other colors additional: Brown, White, Gray
- Optional Rolled Edge 90° or 180°, or Self Edged (Square)

ESD Paint - Standard Black

Pro-Line Dimension Next Expandable Modular Work Stations

Dimension Next by Pro-Line offers

- **Solid slotted aluminum uprights allowing work surface or optional accessories to be mounted anywhere along column.**
- **Heavy gauge steel frame bolts to top supports adding strength to the work surface and lateral support to the station.**
- **Stock colors are textured beige powder coat finish with blue accent strips offering a durable finish with superior esthetics.**
- **Stations are 82" overall height.**
- **Work surfaces and optional accessories adjust independently of each other on double sided stations.**
- **1000 lbs. capacity.**



Dimension Next

*Dimension Next
Workstations available
for Quick Ship!*

Pro-Line Dimension Next Single Starter Station

Base Model # Size L" x W"	Plastic Laminate	E.S.D. Laminate
Single Starter		
DN6030SS	DN6030SSPL	DN6030SSESD
60"L x 30"W	Wt.(lbs.) 198	Wt.(lbs.) 198
Single Starter		
DN7230SS	DN7230SSPL	DN7230SSESD
72"L x 30"W	Wt.(lbs.) 217	Wt.(lbs.) 217
Single Add-On		
DN6030SA	DN6030SAPL	DN6030SAESD
60"L x 30"W	Wt.(lbs.) 148	Wt.(lbs.) 148
Single Add-On		
DN7230SA	DN7230SAPL	DN7230SAESD
72"L x 30"W	Wt.(lbs.) 168	Wt.(lbs.) 168

Color Options

- **Standard Color Textured Beige Powder Coat with blue accent strips**
- **Optional Color Textured Black**

See next page of optional equipment available for Dimension Next stations.

1. Single sided starter station includes two uprights, two horizontal leg supports, one top frame assembly and one 180 degree front edge work surface with standard or ESD laminate.
2. Single sided add on station includes one upright, one horizontal leg support, one top frame assembly and one 180 degree front edge work surface with standard or ESD laminate.
3. Double sided starter station includes two uprights, two back to back horizontal leg supports, two top frame assemblies and two 180 degree work surface with standard or ESD laminate.
4. Double sided add on station includes one upright, one back to back horizontal leg support, two top frame assemblies and two 180 degree front edge work surfaces with standard or ESD laminate.

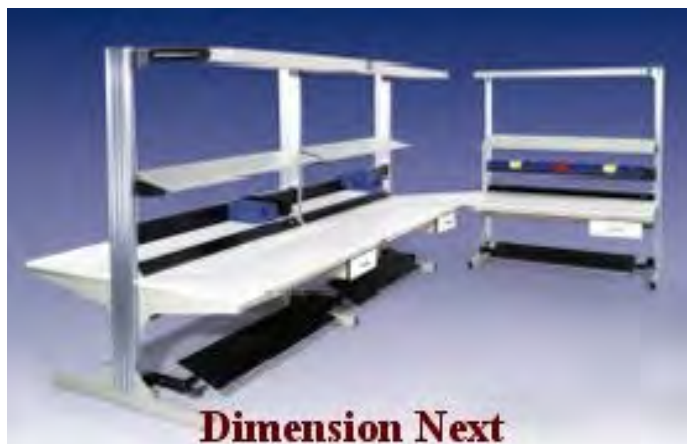
Pro-Line Dimension Next Double Starter Station

Base Model # Size L" x W"	Plastic Laminate	E.S.D. Laminate
Double Starter		
DN6030DS	DN6030DSPL	DN6030DSESD
60"L x 30"W	Wt.(lbs.) 307	Wt.(lbs.) 307
Double Starter		
DN7230DS	DN7230DSPL	DN7230DSESD
72"L x 30"W	Wt.(lbs.) 360	Wt.(lbs.) 360
Double Add-On		
DN6030DA	DN6030DAPL	DN6030DAESD
60"L x 30"W	Wt.(lbs.) 260	Wt.(lbs.) 260
Double Add-On		
DN7230DA	DN7230DAPL	DN7230DAESD
72"L x 30"W	Wt.(lbs.) 300	Wt.(lbs.) 300

Pro-Line Optional Accessories for Dimension Next

Dimension Next optional modular accessories allow you to configure your station to meet your needs.

- Easily adjustable in the field the Dimension Next options adjust anywhere along upright.
- Adjustments are made with handles included in the price of options.
- No tools are required to make adjustments.
- All of the model DN options are painted with a textured powder coat finish for years of use.



Part No.	Description	Weight (lbs.)
DNFR60	Height adjustable and pivoting footrest pan fits 60" long DN stations	27
DNFR72	Height adjustable and pivoting footrest pan fits 72" long DN stations	33
DNES60	Power supply with 8 outlets, lighted of/off switch, built in circuit breaker and 6' long cord. Fits 60" long DN stations	16
DNES72	Power supply with 8 outlets, lighted on/off switch, built in circuit breaker, and 6' long cord. Fits 72" long DN stations	20
DNBH60	Bin Holder for 60" long DN station.	13
DNBH72	Bin Holder for 72" long DN station.	16
DNCCUP	Corner Unit for 30" deep model DN Standard Laminate	25
DNCCUC	Corner Unit for 30" deep model DN ESD Laminate	25

Part No.	Description	Weight (lbs.)
DNOLF60	Overhead fixture and frame. Price includes dual bulb fixture with lighted on/off switch and a 9' long cord, for a 60" long DN station.	30
DNOLF72	Over head light fixture and frame. Price includes dual bulb fixture with lighted on/off switch and a 9' long cord, for a 72" long DN station.	32
DNAMS1260	Adjustable metal shelf 12" deep x 60" long	32
DNAMS1272	Adjustable metal shelf 12" deep x 72" long	39
MDS6	Modular Drawer 6" high x 15" wide x 19.25" long. Price includes lock. Features include roller bearing guide and white laminate drawer face with rounded corners.	26
MDS12	Modular Drawer 12" high 15" wide x 19.25" long. Price includes lock. Features include roller bearing guide and white laminate drawer face with rounded corners.	38
HK	Drawer Hanging Kit (one required per stack of drawers.)	1.15
SGK-J2	Standard Ground Kit with 2 banana jacks (For ESD stations only.)	0.5



*Dimension Next
Accessories available for
Quick Ship!*



Wire Shelving & Carts

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Wire Shelving

Eagle® wire shelving is available in four finishes, choose from:

- **Stainless Steel** for ultimate corrosion resistance (15 year limited warranty)
- **Eaglegard® Epoxy Coated** for corrosion resistance (15 year limited warranty)
- **Chrome Finish** for dry storage (1 year limited warranty)
- **Eaglebrite® Zinc** for dry storage (3 year limited warranty)

Patented Quadtruss® design makes shelves up to 25% stronger and provides a retaining ledge for increased strength and product retention.

Stainless Steel Wire Shelves

Open wire design provides high visibility, reduces dust accumulation and permits free air circulation through the unit. NSF listed for all environments. Type 304 stainless steel that is electro-polished, 15 year limited warranty.

14" Stainless Steel Wire Shelving

Item#	mm	Dimensions
1424S	356 x 610	14" x 24"
1430S	356 x 762	14" x 30"
1436S	356 x 914	14" x 36"
1442S	356 x 1067	14" x 42"
1448S	356 x 1219	14" x 48"
1454S	356 x 1372	14" x 54"
1460S	356 x 1524	14" x 60"
1472S	356 x 1829	14" x 72"

18" Stainless Steel Wire Shelving

Item#	mm	Dimensions
1824S	457 x 610	18" x 24"
1830S	457 x 762	18" x 30"
1836S	457 x 914	18" x 36"
1842S	457 x 1067	18" x 42"
1848S	457 x 1219	18" x 48"
1854S	457 x 1372	18" x 54"
1860S	457 x 1524	18" x 60"
1872S	457 x 1829	18" x 72"

21" Stainless Steel Wire Shelving

Item#	mm	Dimensions
2124S	533 x 610	21" x 24"
2130S	533 x 762	21" x 30"
2136S	533 x 914	21" x 36"
2142S	533 x 1067	21" x 42"
2148S	533 x 1219	21" x 48"
2154S	533 x 1372	21" x 54"
2160S	533 x 1524	21" x 60"
2172S	533 x 1829	21" x 72"

24" Stainless Steel Wire Shelving

Item#	mm	Dimensions
2424S	610 x 610	24" x 24"
2430S	610 x 762	24" x 30"
2436S	610 x 914	24" x 36"
2442S	610 x 1067	24" x 42"
2448S	610 x 1219	24" x 48"
2454S	610 x 1372	24" x 54"
2460S	610 x 1524	24" x 60"
2472S	610 x 1829	24" x 72"

30" Stainless Steel Wire Shelving

Item#	mm	Dimensions
3030S	762 x 762	30" x 30"
3036S	762 x 914	30" x 36"
3048S	762 x 1219	30" x 48"
3060S	762 x 1524	30" x 60"
3072S	762 x 1829	30" x 72"

36" Stainless Steel Wire Shelving

Item#	mm	Dimensions
3636S	914 x 914	36" x 36"
3648S	914 x 1219	36" x 48"
3660S	914 x 1524	36" x 60"
3672S	914 x 1829	36" x 72"

Wire Shelving Epoxy Coated Zinc

EagleGard® Hybrid Epoxy shelving has an open wire design providing high visibility, reduces dust accumulation and permits free air circulation through the unit.

The coating consists of four layers:

- Zinc Chloride
- Clear Chromate
- MasterSeal® Sealer
- Blue Green Hybrid Epoxy with Microgard®

It is NSF listed for all environments. Zinc chloride plating followed by clear chromate plating with MasterSeal® sealer and a hybrid epoxy final coat. This durable shelving has a 15 year limited warranty.

14" Epoxy/Zinc Wire Shelving

Item#	mm	Dimensions
1424E	356 x 610	14" x 24"
1430E	356 x 762	14" x 30"
1436E	356 x 914	14" x 36"
1442E	356 x 1067	14" x 42"
1448E	356 x 1219	14" x 48"
1454E	356 x 1372	14" x 54"
1460E	356 x 1524	14" x 60"
1472E	356 x 1829	14" x 72"

18" Epoxy/Zinc Wire Shelving

Item#	mm	Dimensions
1824E	457 x 610	18" x 24"
1830E	457 x 762	18" x 30"
1836E	457 x 914	18" x 36"
1842E	457 x 1067	18" x 42"
1848E	457 x 1219	18" x 48"
1854E	457 x 1372	18" x 54"
1860E	457 x 1524	18" x 60"
1872E	457 x 1829	18" x 72"

21" Epoxy/Zinc Wire Shelving

Item#	mm	Dimensions
2124E	533 x 610	21" x 24"
2130E	533 x 762	21" x 30"
2136E	533 x 914	21" x 36"
2142E	533 x 1067	21" x 42"
2148E	533 x 1219	21" x 48"
2154E	533 x 1372	21" x 54"
2160E	533 x 1524	21" x 60"
2172E	533 x 1829	21" x 72"

24" Epoxy/Zinc Wire Shelving

Item#	mm	Dimensions
2424E	610 x 610	24" x 24"
2430E	610 x 762	24" x 30"
2436E	610 x 914	24" x 36"
2442E	610 x 1067	24" x 42"
2448E	610 x 1219	24" x 48"
2454E	610 x 1372	24" x 54"
2460E	610 x 1524	24" x 60"
2472E	610 x 1829	24" x 72"

30" Epoxy/Zinc Wire Shelving

Item#	mm	Dimensions
3030E	762 x 762	30" x 30"
3036E	762 x 914	30" x 36"
3048E	762 x 1219	30" x 48"
3060E	762 x 1524	30" x 60"
3072E	762 x 1829	30" x 72"

36" Epoxy/Zinc Wire Shelving

Item#	mm	Dimensions
3636E	914 x 914	36" x 36"
3648E	914 x 1219	36" x 48"
3660E	914 x 1524	36" x 60"
3672E	914 x 1829	36" x 72"



Wire Shelving

Chrome Finish Wire Shelves

These chrome finish wire shelves by **Eagle®** have an open wire design providing high visibility, reducing dust accumulation and permitting free air circulation through the unit.

The coating consists of three layers:

- Bright Nickel
- Chrome
- Air-dry Lacquer

Patented Quadtruss® design makes shelves up to 25% stronger and provides a retaining ledge for increased strength and product retention.

NSF Listed for dry storage. Bright nickel plating followed by chrome plating. One year limited warranty. (Note: Optional clear hybrid epoxy available, NSF listed for all environments.)

14" Chrome Finish Wire Shelving

Item#	mm	Dimensions
1424C	356 x 610	14" x 24"
1430C	356 x 762	14" x 30"
1436C	356 x 914	14" x 36"
1442C	356 x 1067	14" x 42"
1448C	356 x 1219	14" x 48"
1454C	356 x 1372	14" x 54"
1460C	356 x 1524	14" x 60"
1472C	356 x 1829	14" x 72"

18" Chrome Finish Wire Shelving

Item#	mm	Dimensions
1824C	457 x 610	18" x 24"
1830C	457 x 762	18" x 30"
1836C	457 x 914	18" x 36"
1842C	457 x 1067	18" x 42"
1848C	457 x 1219	18" x 48"
1854C	457 x 1372	18" x 54"
1860C	457 x 1524	18" x 60"
1872C	457 x 1829	18" x 72"

21" Chrome Finish Wire Shelving

Item#	mm	Dimensions
2124C	533 x 610	21" x 24"
2130C	533 x 762	21" x 30"
2136C	533 x 914	21" x 36"
2142C	533 x 1067	21" x 42"
2148C	533 x 1219	21" x 48"
2154C	533 x 1372	21" x 54"
2160C	533 x 1524	21" x 60"
2172C	533 x 1829	21" x 72"

24" Chrome Finish Wire Shelving

Item#	mm	Dimensions
2424C	610 x 610	24" x 24"
2430C	610 x 762	24" x 30"
2436C	610 x 914	24" x 36"
2442C	610 x 1067	24" x 42"
2448C	610 x 1219	24" x 48"
2454C	610 x 1372	24" x 54"
2460C	610 x 1524	24" x 60"
2472C	610 x 1829	24" x 72"

30" Chrome Finish Wire Shelving

Item#	mm	Dimensions
3030C	762 x 762	30" x 30"
3036C	762 x 914	30" x 36"
3048C	762 x 1219	30" x 48"
3060C	762 x 1524	30" x 60"
3072C	762 x 1829	30" x 72"

36" Chrome Finish Wire Shelving

Item#	mm	Dimensions
3636C	914 x 914	36" x 36"
3648C	914 x 1219	36" x 48"
3660C	914 x 1524	36" x 60"
3672C	914 x 1829	36" x 72"



Wire Shelving

Zinc Wire Shelving

Eaglebrite® zinc wire shelving has an open wire design providing high visibility, reduces dust accumulation and permits free air circulation through the unit.

The coating consists of four layers:

- Zinc Chloride
- Clear Chromate
- MasterSeal® sealer

It is NSF listed for dry storage environments. Bright zinc chloride plating followed by clear chromate plating with MasterSeal® sealer for improved rust protection. This shelving has a 3 year limited warranty.

14" Zinc Wire Shelving

Item#	mm	Dimensions
1424Z	356 x 610	14" x 24"
1430Z	356 x 762	14" x 30"
1436Z	356 x 914	14" x 36"
1442Z	356 x 1067	14" x 42"
1448Z	356 x 1219	14" x 48"
1454Z	356 x 1372	14" x 54"
1460Z	356 x 1524	14" x 60"
1472Z	356 x 1829	14" x 72"

18" Zinc Wire Shelving

Item#	mm	Dimensions
1824Z	457 x 610	18" x 24"
1830Z	457 x 762	18" x 30"
1836Z	457 x 914	18" x 36"
1842Z	457 x 1067	18" x 42"
1848Z	457 x 1219	18" x 48"
1854Z	457 x 1372	18" x 54"
1860Z	457 x 1524	18" x 60"
1872Z	457 x 1829	18" x 72"

21" Zinc Wire Shelving

Item#	mm	Dimensions
2124Z	533 x 610	21" x 24"
2130Z	533 x 762	21" x 30"
2136Z	533 x 914	21" x 36"
2142Z	533 x 1067	21" x 42"
2148Z	533 x 1219	21" x 48"
2154Z	533 x 1372	21" x 54"
2160Z	533 x 1524	21" x 60"
2172Z	533 x 1829	21" x 72"

24" Zinc Wire Shelving

Item#	mm	Dimensions
2424Z	610 x 610	24" x 24"
2430Z	610 x 762	24" x 30"
2436Z	610 x 914	24" x 36"
2442Z	610 x 1067	24" x 42"
2448Z	610 x 1219	24" x 48"
2454Z	610 x 1372	24" x 54"
2460Z	610 x 1524	24" x 60"
2472Z	610 x 1829	24" x 72"

30" Zinc Wire Shelving

Item#	mm	Dimensions
3030Z	762 x 762	30" x 30"
3036Z	762 x 914	30" x 36"
3048Z	762 x 1219	30" x 48"
3060Z	762 x 1524	30" x 60"
3072Z	762 x 1829	30" x 72"

36" Zinc Wire Shelving

Item#	mm	Dimensions
3636Z	914 x 914	36" x 36"
3648Z	914 x 1219	36" x 48"
3660Z	914 x 1524	36" x 60"
3672Z	914 x 1829	36" x 72"



Posts for Wire Shelving Stationary Posts

These stationary posts by **Eagle®** are available in different finishes to match the shelving offered on pages H-2-5.

- Stainless Steel
- Eaglegard® Epoxy Coated
- Chrome Finish
- Eaglebrite® Zinc

Posts are numbered on vertical 1" (25mm) increments to help insure fast and level assembly. Height includes leveling bolt and cap. Special lengths are available.



Stainless Steel Stationary Posts

Item#	mm	Length
P7-S	178	7"
P14-S	356	14"
P18-S	457	18"
P33-S	838	33"
P54-S	1372	54"
P63-S	1600	63"
P74-S	1880	74"
P86-S	2184	86"
P96-S	2438	96"

Chrome Finish Stationary Posts

Item#	mm	Length
P7-C	178	7"
P14-C	356	14"
P18-C	457	18"
P33-C	838	33"
P54-C	1372	54"
P63-C	1600	63"
P74-C	1880	74"
P86-C	2184	86"
P96-C	2438	96"

Epoxy Coated Stationary Posts

Item#	mm	Length
P7-E	178	7"
P14-E	356	14"
P18-E	457	18"
P33-E	838	33"
P54-E	1372	54"
P63-E	1600	63"
P74-E	1880	74"
P86-E	2184	86"

Zinc Stationary Posts

Item#	mm	Length
P7-Z	178	7"
P14-Z	356	14"
P18-Z	457	18"
P33-Z	838	33"
P54-Z	1372	54"
P63-Z	1600	63"
P74-Z	1880	74"
P86-Z	2184	86"



Posts for Wire Shelving

Mobile Posts

These mobile posts by **Eagle®** are available in different finishes to match the shelving offered on pages H-2-5.

- Stainless Steel
- Eaglegard® Epoxy Coated
- Chrome Finish (choose Epoxy or Zinc finish)
- Eaglebrite® Zinc (clear air-dry lacquer coated)

Posts are numbered on vertical 1" (25mm) increments to help insure fast and level assembly. Height includes leveling bolt and cap. Special lengths are available. Casters listed on page H-33.



Stainless Steel Mobile Posts

Item#	mm	Length
CP7-S	178	7"
CP14-S	356	14"
CP18-S	457	18"
CP33-S	838	33"
CP54-S	1372	54"
CP63-S	1600	63"
CP74-S	1880	74"
CP86-S	2184	86"

Chrome Mobile Finish Posts

Item#	mm	Length
CP7-C	178	7"
CP14-C	356	14"
CP18-C	457	18"
CP33-C	838	33"
CP54-C	1372	54"
CP63-C	1600	63"
CP74-C	1880	74"
CP86-C	2184	86"

Epoxy Mobile Posts

Item#	mm	Length
CP7-E	178	7"
CP14-E	356	14"
CP18-E	457	18"
CP33-E	838	33"
CP54-E	1372	54"
CP63-E	1600	63"
CP74-E	1880	74"
CP86-E	2184	86"

Zinc Mobile Posts

Item#	mm	Length
CP7-Z	178	7"
CP14-Z	356	14"
CP18-Z	457	18"
CP33-Z	838	33"
CP54-Z	1372	54"
CP63-Z	1600	63"
CP74-Z	1880	74"
CP86-Z	2184	86"



Solid Shelves

Eagle® solid metal shelves are available in:

- **Heavy Gauge Stainless Steel**, 18 Gauge 304-Type
- **Galvanized Steel** coated with Valu-Master® pewter gray epoxy, 18 gauge
- **Galvanized Steel**, 18 gauge

Raised “V” edge on all sides and double hem bending provide quality and strength. All shelves feature aluminum castings. **For Cleanroom applications add prefix “CR” to stainless steel model number.** The shelves are alcohol wiped and cleanroom bagged.



Stainless Steel Solid Shelves

14” Stainless Steel Solid Shelves

Prefix	Item#	mm	Dimension
(CR)	SS1424S	356 x 610	14” x 24”
(CR)	SS1430S	356 x 762	14” x 30”
(CR)	SS1436S	356 x 914	14” x 36”
(CR)	SS1442S	356 x 1067	14” x 42”
(CR)	SS1448S	356 x 1219	14” x 48”
(CR)	SS1454S	356 x 1372	14” x 54”
(CR)	SS1460S	356 x 1524	14” x 60”
(CR)	SS1472S	356 x 1829	14” x 72”

21” Stainless Steel Solid Shelves

Prefix	Item#	mm	Dimension
(CR)	SS2124S	533 x 610	21” x 24”
(CR)	SS2130S	533 x 762	21” x 30”
(CR)	SS2136S	533 x 914	21” x 36”
(CR)	SS2142S	533 x 1067	21” x 42”
(CR)	SS2148S	533 x 1219	21” x 48”
(CR)	SS2154S	533 x 1372	21” x 54”
(CR)	SS2160S	533 x 1524	21” x 60”
(CR)	SS2172S	533 x 1829	21” x 72”

18” Stainless Steel Solid Shelves

Prefix	Item#	mm	Dimension
(CR)	SS1824S	457 x 610	18” x 24”
(CR)	SS1830S	457 x 762	18” x 30”
(CR)	SS1836S	457 x 914	18” x 36”
(CR)	SS1842S	457 x 1067	18” x 42”
(CR)	SS1848S	457 x 1219	18” x 48”
(CR)	SS1854S	457 x 1372	18” x 54”
(CR)	SS1860S	457 x 1524	18” x 60”
(CR)	SS1872S	457 x 1829	18” x 72”

24” Stainless Steel Solid Shelves

Prefix	Item#	mm	Dimension
(CR)	SS2424S	610 x 610	24” x 24”
(CR)	SS2430S	610 x 762	24” x 30”
(CR)	SS2436S	610 x 914	24” x 36”
(CR)	SS2442S	610 x 1067	24” x 42”
(CR)	SS2448S	610 x 1219	24” x 48”
(CR)	SS2454S	610 x 1372	24” x 54”
(CR)	SS2460S	610 x 1524	24” x 60”
(CR)	SS2472S	610 x 1829	24” x 72”

Solid Shelves

Galvanized Steel Solid Shelves

Eagle® solid metal shelves in **Galvanized Steel** coated with Valu-Master® pewter gray epoxy, 18 gauge

Raised “V” edge on all sides and double hem bending provide quality and strength. All shelves feature aluminum castings.

Solid Shelves come in 14”, 18”, 21”, and 24” wide. Each width comes in lengths of 24” to 60” in 6” increments and a 72” length.



14” Galvanized Steel Solid Shelves

Item#	mm	Dimension
SS1424G	356 x 610	14” x 24”
SS1430G	356 x 762	14” x 30”
SS1436G	356 x 914	14” x 36”
SS1442G	356 x 1067	14” x 42”
SS1448G	356 x 1219	14” x 48”
SS1454G	356 x 1372	14” x 54”
SS1460G	356 x 1524	14” x 60”
SS1472G	356 x 1829	14” x 72”

21” Galvanized Steel Solid Shelves

Item#	mm	Dimension
SS2124G	533 x 610	21” x 24”
SS2130G	533 x 762	21” x 30”
SS2136G	533 x 914	21” x 36”
SS2142G	533 x 1067	21” x 42”
SS2148G	533 x 1219	21” x 48”
SS2154G	533 x 1372	21” x 54”
SS2160G	533 x 1524	21” x 60”
SS2172G	533 x 1829	21” x 72”

18” Galvanized Steel Solid Shelves

Item#	mm	Dimension
SS1824G	457 x 610	18” x 24”
SS1830G	457 x 762	18” x 30”
SS1836G	457 x 914	18” x 36”
SS1842G	457 x 1067	18” x 42”
SS1848G	457 x 1219	18” x 48”
SS1854G	457 x 1372	18” x 54”
SS1860G	457 x 1524	18” x 60”
SS1872G	457 x 1829	18” x 72”

24” Galvanized Steel Solid Shelves

Item#	mm	Dimension
SS2424G	610 x 610	24” x 24”
SS2430G	610 x 762	24” x 30”
SS2436G	610 x 914	24” x 36”
SS2442G	610 x 1067	24” x 42”
SS2448G	610 x 1219	24” x 48”
SS2454G	610 x 1372	24” x 54”
SS2460G	610 x 1524	24” x 60”
SS2472G	610 x 1829	24” x 72”



Solid Shelves

Epoxy Coated Solid Shelves

Eagle® solid metal shelves in **Galvanized Steel** coated with Valu-Master® pewter gray epoxy, 18 gauge

Raised “V” edge on all sides and double hem bending provide quality and strength. All shelves feature aluminum castings.

Solid Shelves come in 14”, 18”, 21”, and 24” wide. Each width comes in lengths of 24” to 60” in 6” increments and a 72” length.



14” Epoxy Solid Shelves

Item#	mm	Dimension
SS1424V	356 x 610	14” x 24”
SS1430V	356 x 762	14” x 30”
SS1436V	356 x 914	14” x 36”
SS1442V	356 x 1067	14” x 42”
SS1448V	356 x 1219	14” x 48”
SS1454V	356 x 1372	14” x 54”
SS1460V	356 x 1524	14” x 60”
SS1472V	356 x 1829	14” x 72”

21” Epoxy Solid Shelves

Item#	mm	Dimension
SS2124V	533 x 610	21” x 24”
SS2130V	533 x 762	21” x 30”
SS2136V	533 x 914	21” x 36”
SS2142V	533 x 1067	21” x 42”
SS2148V	533 x 1219	21” x 48”
SS2154V	533 x 1372	21” x 54”
SS2160V	533 x 1524	21” x 60”
SS2172V	533 x 1829	21” x 72”

18” Epoxy Solid Shelves

Item#	mm	Dimension
SS1824V	457 x 610	18” x 24”
SS1830V	457 x 762	18” x 30”
SS1836V	457 x 914	18” x 36”
SS1842V	457 x 1067	18” x 42”
SS1848V	457 x 1219	18” x 48”
SS1854V	457 x 1372	18” x 54”
SS1860V	457 x 1524	18” x 60”
SS1872V	457 x 1829	18” x 72”

24” Epoxy Solid Shelves

Item#	mm	Dimension
SS2424V	610 x 610	24” x 24”
SS2430V	610 x 762	24” x 30”
SS2436V	610 x 914	24” x 36”
SS2442V	610 x 1067	24” x 42”
SS2448V	610 x 1219	24” x 48”
SS2454V	610 x 1372	24” x 54”
SS2460V	610 x 1524	24” x 60”
SS2472V	610 x 1829	24” x 72”

Add-A-Shelf® Starter Units

Eagle® Kit includes

- Two standard shelves
- Two Add-A-Shelves
- Four posts
- Four bags of split sleeves and
- Two bags of Add-A-Shelf collars

All of the above in one box. This lowers shipping costs. Front edge of shelf can be lowered 4" (102mm) to create a slanted shelf. Available in 63" and 74" (1600mm and 1880mm) heights. Note: Top and bottom shelves of unit must be standard shelves. Use Add-A-Shelf shelves for intermediate shelves. Add-A-Shelf is not recommended for mobile applications

63" Add-A-Shelf® Starter Unit in Chrome

Model#	mm	Dimension
RS4-63-A1436C	356 x 914	14" x 36"
RS4-63-A1448C	356 x 1219	14" x 48"
RS4-63-A1836C	457 x 914	18" x 36"
RS4-63-A1848C	457 x 1219	18" x 48"
RS4-63-A2136C	533 x 914	21" x 36"
RS4-63-A2148C	533 x 1219	21" x 48"
RS4-63-A2436C	610 x 914	24" x 36"
RS4-63-A2448C	610 x 1219	24" x 48"

74" Add-A-Shelf® Starter Unit in Chrome

Model#	mm	Dimension
RS4-74-A1436C	356 x 914	14" x 36"
RS4-74-A1448C	356 x 1219	14" x 48"
RS4-74-A1836C	457 x 914	18" x 36"
RS4-74-A1848C	457 x 1219	18" x 48"
RS4-74-A2136C	533 x 914	21" x 36"
RS4-74-A2148C	533 x 1219	21" x 48"
RS4-74-A2436C	610 x 914	24" x 36"
RS4-74-A2448C	610 x 1219	24" x 48"

Add-A-Shelf® Shelving

Patented special collar allows addition or removal of shelf without disassembling the entire unit. 300lb (136.1 kg) weight capacity per shelf using an evenly distributed load.

Numerically calibrated grooved posts, tapered plastic split sleeves and shelf collars combine to make shelving assembly a simple 3 step exercise:

1. Snap the split sleeves onto a post over the number of your choice.
2. Slide the Add-A-Shelf collar over the split sleeves. When the collar is together a positive lock is created without the use of any tools. Repeat until all sleeves and collars are in position.
3. Place shelves over collars to complete unit.



Add-A-Shelf® Collar

Add-A-Shelf® Adjustable Shelves in Chrome

Model#	mm	Dimension
A1436C	356 x 914	14" x 36"
A1448C	356 x 1219	14" x 48"
A1836C	457 x 914	18" x 36"
A1848C	457 x 1219	18" x 48"
A1860C	457 x 1524	18" x 60"
A2136C	533 x 914	21" x 36"
A2148C	533 x 1219	21" x 48"
A2160C	533 x 1524	21" x 60"
A2436C	610 x 914	24" x 36"
A2448C	610 x 1219	24" x 48"
A2460C	610 x 1524	24" x 60"



Add-A-Shelf® Shelves Eaglebrite® Zinc Adjustable Shelves

Eagle® Add-A-Shelf® also offers shelves in Zinc. Add collars or post clamps below and posts as listed on pages H-6-7.

There are also **Reverse Mat Shelves** available, contact NCI for more information.



Shelving Components

Slanted Shelves

Slanted Shelves by Eagle® add visibility, allow access to shelf contents. Also available in Eaglebrite® Zinc and Eaglegard® Epoxy coating.

Contact NCI for more information.



Zinc Adjustable Shelves

Model#	mm	Dimension
A1436Z	356 x 914	14" x 36"
A1448Z	356 x 1219	14" x 48"
A1836Z	457 x 914	18" x 36"
A1848Z	457 x 1219	18" x 48"
A1860Z	457 x 1524	18" x 60"
A2136Z	533 x 914	21" x 36"
A2148Z	533 x 1219	21" x 48"
A2160Z	533 x 1524	21" x 60"
A2436Z	610 x 914	24" x 36"
A2448Z	610 x 1219	24" x 48"
A2460Z	610 x 1524	24" x 60"

Chrome Item#	Weight lb.	Weight kg	Cubic ft.	Length in.	Length mm
SL2136C	11	5.0	0.8	21" x 36"	533 x 914
SL2148C	14	6.4	1.1	21" x 48"	533 x 1219
SL2160C	18	8.2	1.1	21" x 60"	533 x 1524
SL2436C	13	5.9	0.8	24" x 36"	610 x 914
SL2448C	16	7.3	1.2	24" x 48"	610 x 1219
SL2460C	21	9.5	1.5	24" x 60"	610 x 1524

Add-A-Shelf® Collars

Collars for Add-A-Shelf® units are packed four per bag. Quantity of four are included with each shelf.

Item#	Qty per bag
A208891	Four

Add-A-Shelf® Post Clamps

Note: For post clamps to work, Add-A-Shelf® collars must be staggered on each adjoining shelf unit.

Item#	Qty per pkg
ADD-A-CLAMP	One

Triangle Shelf

Chrome Finish by Eagle™. When attached to standard posts (sold separately) can be freestanding unit, or added onto standard 18" (457mm) wide wire shelving via "S" hooks

Item#	Weight lbs.	Weight kg	Width in.	Width mm
TR18C	16	7.3	18"	457

Wire Wall Shelf Kits

Comes with one wire shelf and two stationary wire wall mounts. Comes in chrome finish, other finishes available.

Chrome Item#	Weight lb.	Weight kg	Length in.	Length mm
GWB1436C	12	5.4	14" x 36"	356 x 914
GWB1448C	14	6.4	18" x 36"	457 x 1219
GWB1836C	14	6.4	18" x 36"	457 x 914
GWB1848C	17	7.7	18" x 48"	457 x 1219

Shelving Components

Reverse Mat Shelves

These shelves by **Eagle®** have built-in ledges which prevent contents from falling off the shelf. Each Shelf has 250lb. (113kg) capacity. Other finishes are available, contact NCI for more information.



Chrome	Eaglebrite® Zinc	Weight		Cubic	Shelf W x L	
		lbs.	kg	ft.	Inches	mm
RM1436C	RM1436Z	7	3.2	0.5	14" x 36"	356 x 914
RM1448C	RM1448Z	10	4.5	0.7	14" x 48"	356 x 1219
RM1836C	RM1836Z	9	4.1	0.7	18" x 36"	457 x 914
RM1848C	RM1848Z	11	4.9	0.9	18" x 48"	457 x 1219
RM2136C	RM2136Z	11	4.9	0.8	21" x 36"	533 x 914
RM2148C	RM2148Z	13	5.9	1.1	21" x 48"	533 x 1219
RM2424C	RM2424Z	9	4.1	0.8	24" x 24"	610 x 610
RM2436C	RM2436Z	12	5.4	0.8	24" x 36"	610 x 914
RM2448C	RM2448Z	15	6.8	1.2	24" x 48"	610 x 1219

Cantilever Shelves

These 12" (305mm) wide shelves are ideal for adding extra storage above an existing shelving unit. NOTE: When ordering back posts, confirm with NCI the correct post height to accommodate these shelves.

Chrome	Stainless Steel	Weight		Cubic	Length	
		lbs.	kg	ft.	Inches	mm
CS1224-C	CS1224-S	7	3.2	0.5	24"	610
CS1230-C	CS1230-S	5	2.3	0.8	30"	762
CS1236-C	CS1236-S	6	2.7	.08	36"	914
CS1242-C	CS1242-S	7	3.2	0.9	42"	1067
CS1248-C	CS1248-S	8	3.6	1.0	48"	1219
CS1254-C	CS1254-S	9	4.0	1.1	54"	1372
CS1260-C	CS1260-S	10	4.5	1.3	60"	1524





Four Shelf Starter Units - 63" Height

Eagle® Four Shelf Starter Units come with four wire shelves and four posts (same finish as shelves). Available in 63" and 74" (1600 and 1880mm) post height.

- **Stainless Steel** for ultimate corrosion resistance (15 year limited warranty)
- **Eaglegard® Epoxy Coated** for corrosion resistance (15 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



Four Shelf Starter Unit with Eaglegard® Epoxy Coating

63" Height Four Shelf Starter Units

18" Stainless 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-1824S	457 x 610	18" x 24"
S4-63-1830S	457 x 762	18" x 30"
S4-63-1836S	457 x 914	18" x 36"
S4-63-1842S	457 x 1067	18" x 42"
S4-63-1848S	457 x 1219	18" x 48"
S4-63-1860S	457 x 1524	18" x 60"
S4-63-1872S	457 x 1829	18" x 72"

21" Stainless 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-2124S	533 x 610	21" x 24"
S4-63-2130S	533 x 762	21" x 30"
S4-63-2136S	533 x 914	21" x 36"
S4-63-2142S	533 x 1067	21" x 42"
S4-63-2148S	533 x 1219	21" x 48"
S4-63-2160S	533 x 1524	21" x 60"
S4-63-2172S	533 x 1829	21" x 72"

24" Stainless 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-2424S	610 x 610	24" x 24"
S4-63-2430S	610 x 762	24" x 30"
S4-63-2436S	610 x 914	24" x 36"
S4-63-2442S	610 x 1067	24" x 42"
S4-63-2448S	610 x 1219	24" x 48"
S4-63-2460S	610 x 1524	24" x 60"
S4-63-2472S	610 x 1829	24" x 72"

18" Epoxy 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-1824E	457 x 610	18" x 24"
S4-63-1830E	457 x 762	18" x 30"
S4-63-1836E	457 x 914	18" x 36"
S4-63-1842E	457 x 1067	18" x 42"
S4-63-1848E	457 x 1219	18" x 48"
S4-63-1860E	457 x 1524	18" x 60"
S4-63-1872E	457 x 1829	18" x 72"

21" Epoxy 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-2124E	533 x 610	21" x 24"
S4-63-2130E	533 x 762	21" x 30"
S4-63-2136E	533 x 914	21" x 36"
S4-63-2142E	533 x 1067	21" x 42"
S4-63-2148E	533 x 1219	21" x 48"
S4-63-2160E	533 x 1524	21" x 60"
S4-63-2172E	533 x 1829	21" x 72"

24" Epoxy 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-2424E	610 x 610	24" x 24"
S4-63-2430E	610 x 762	24" x 30"
S4-63-2436E	610 x 914	24" x 36"
S4-63-2442E	610 x 1067	24" x 42"
S4-63-2448E	610 x 1219	24" x 48"
S4-63-2460E	610 x 1524	24" x 60"
S4-63-2472E	610 x 1829	24" x 72"



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Four Shelf Starter Units - 63" Height

Eagle® Four Shelf Starter Units come with four wire shelves and four posts (same finish as shelves). Available in 63" and 74" (1600 and 1880mm) post height.

- **Chrome Finish** for dry storage
(1 year limited warranty)
- **Eaglebrite® Zinc** for dry storage
(3 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



63" Height Four Shelf Starter Units

18" Chrome 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-1824C	457 x 610	18" x 24"
S4-63-1830C	457 x 762	18" x 30"
S4-63-1836C	457 x 914	18" x 36"
S4-63-1842C	457 x 1067	18" x 42"
S4-63-1848C	457 x 1219	18" x 48"
S4-63-1860C	457 x 1524	18" x 60"
S4-63-1872C	457 x 1829	18" x 72"

21" Chrome 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-2124C	533 x 610	21" x 24"
S4-63-2130C	533 x 762	21" x 30"
S4-63-2136C	533 x 914	21" x 36"
S4-63-2142C	533 x 1067	21" x 42"
S4-63-2148C	533 x 1219	21" x 48"
S4-63-2160C	533 x 1524	21" x 60"
S4-63-2172C	533 x 1829	21" x 72"

24" Chrome 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-2424C	610 x 610	24" x 24"
S4-63-2430C	610 x 762	24" x 30"
S4-63-2436C	610 x 914	24" x 36"
S4-63-2442C	610 x 1067	24" x 42"
S4-63-2448C	610 x 1219	24" x 48"
S4-63-2460C	610 x 1524	24" x 60"
S4-63-2472C	610 x 1829	24" x 72"

18" Zinc 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-1824Z	457 x 610	18" x 24"
S4-63-1830Z	457 x 762	18" x 30"
S4-63-1836Z	457 x 914	18" x 36"
S4-63-1842Z	457 x 1067	18" x 42"
S4-63-1848Z	457 x 1219	18" x 48"
S4-63-1860Z	457 x 1524	18" x 60"
S4-63-1872Z	457 x 1829	18" x 72"

21" Zinc 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-2124Z	533 x 610	21" x 24"
S4-63-2130Z	533 x 762	21" x 30"
S4-63-2136Z	533 x 914	21" x 36"
S4-63-2142Z	533 x 1067	21" x 42"
S4-63-2148Z	533 x 1219	21" x 48"
S4-63-2160Z	533 x 1524	21" x 60"
S4-63-2172Z	533 x 1829	21" x 72"

24" Zinc 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-2424Z	610 x 610	24" x 24"
S4-63-2430Z	610 x 762	24" x 30"
S4-63-2436Z	610 x 914	24" x 36"
S4-63-2442z	610 x 1067	24" x 42"
S4-63-2448Z	610 x 1219	24" x 48"
S4-63-2460Z	610 x 1524	24" x 60"
S4-63-2472Z	610 x 1829	24" x 72"



Four Shelf Starter Units - 74" Height

Eagle® Four Shelf Starter Units come with four wire shelves and four posts (same finish as shelves). Available in 63" and 74" (1600 and 1880mm) post height.

- **Stainless Steel** for ultimate corrosion resistance (15 year limited warranty)
- **Eaglegard® Epoxy Coated** for corrosion resistance (15 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



74" Height Four Shelf Starter Units

18" Stainless 4 Shelf Starter Unit

Model#	mm	W x L
S4-74-1824S	457 x 610	18" x 24"
S4-74-1830S	457 x 762	18" x 30"
S4-74-1836S	457 x 914	18" x 36"
S4-74-1842S	457 x 1067	18" x 42"
S4-74-1848S	457 x 1219	18" x 48"
S4-74-1860S	457 x 1524	18" x 60"
S4-74-1872S	457 x 1829	18" x 72"

21" Stainless 4 Shelf Starter Unit

Model#	mm	W x L
S4-74-2124S	533 x 610	21" x 24"
S4-74-2130S	533 x 762	21" x 30"
S4-74-2136S	533 x 914	21" x 36"
S4-74-2142S	533 x 1067	21" x 42"
S4-74-2148S	533 x 1219	21" x 48"
S4-74-2160S	533 x 1524	21" x 60"
S4-74-2172S	533 x 1829	21" x 72"

24" Stainless 4 Shelf Starter Unit

Model#	mm	W x L
S4-74-2424S	610 x 610	24" x 24"
S4-74-2430S	610 x 762	24" x 30"
S4-74-2436S	610 x 914	24" x 36"
S4-74-2442S	610 x 1067	24" x 42"
S4-74-2448S	610 x 1219	24" x 48"
S4-74-2460S	610 x 1524	24" x 60"
S4-74-2472S	610 x 1829	24" x 72"

18" Epoxy 4 Shelf Starter Unit

Model#	mm	W x L
S4-74-1824E	457 x 610	18" x 24"
S4-74-1830E	457 x 762	18" x 30"
S4-74-1836E	457 x 914	18" x 36"
S4-74-1842E	457 x 1067	18" x 42"
S4-74-1848E	457 x 1219	18" x 48"
S4-74-1860E	457 x 1524	18" x 60"
S4-74-1872E	457 x 1829	18" x 72"

21" Epoxy 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-2124E	533 x 610	21" x 24"
S4-63-2130E	533 x 762	21" x 30"
S4-63-2136E	533 x 914	21" x 36"
S4-63-2142E	533 x 1067	21" x 42"
S4-63-2148E	533 x 1219	21" x 48"
S4-63-2160E	533 x 1524	21" x 60"
S4-63-2172E	533 x 1829	21" x 72"

24" Epoxy 4 Shelf Starter Unit

Model#	mm	W x L
S4-63-2424E	610 x 610	24" x 24"
S4-63-2430E	610 x 762	24" x 30"
S4-63-2436E	610 x 914	24" x 36"
S4-63-2442E	610 x 1067	24" x 42"
S4-63-2448E	610 x 1219	24" x 48"
S4-63-2460E	610 x 1524	24" x 60"
S4-63-2472E	610 x 1829	24" x 72"



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Contact NCI for more information.

Four Shelf Starter Units - 74" Height

Eagle® Four Shelf Starter Units come with four wire shelves and four posts (same finish as shelves). Available in 63" and 74" (1600 and 1880mm) post height.

- **Chrome Finish** for dry storage
(1 year limited warranty)
- **Eaglebrite® Zinc** for dry storage
(3 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



74" Height Four Shelf Starter Units

18" Chrome 4 Shelf Starter Unit

Model#	mm	W x L
S4-74-1824C	457 x 610	18" x 24"
S4-74-1830C	457 x 762	18" x 30"
S4-74-1836C	457 x 914	18" x 36"
S4-74-1842C	457 x 1067	18" x 42"
S4-74-1848C	457 x 1219	18" x 48"
S4-74-1860C	457 x 1524	18" x 60"
S4-74-1872C	457 x 1829	18" x 72"

21" Chrome 4 Shelf Starter Unit

Model#	mm	W x L
S4-74-2124C	533 x 610	21" x 24"
S4-74-2130C	533 x 762	21" x 30"
S4-74-2136C	533 x 914	21" x 36"
S4-74-2142C	533 x 1067	21" x 42"
S4-74-2148C	533 x 1219	21" x 48"
S4-74-2160C	533 x 1524	21" x 60"
S4-74-2172C	533 x 1829	21" x 72"

24" Chrome 4 Shelf Starter Unit

Model#	mm	W x L
S4-74-2424C	610 x 610	24" x 24"
S4-74-2430C	610 x 762	24" x 30"
S4-74-2436C	610 x 914	24" x 36"
S4-74-2442C	610 x 1067	24" x 42"
S4-74-2448C	610 x 1219	24" x 48"
S4-74-2460C	610 x 1524	24" x 60"
S4-74-2472C	610 x 1829	24" x 72"

18" Zinc 4 Shelf Starter Unit

Model#	mm	W x L
S4-74-1824Z	457 x 610	18" x 24"
S4-74-1830Z	457 x 762	18" x 30"
S4-74-1836Z	457 x 914	18" x 36"
S4-74-1842Z	457 x 1067	18" x 42"
S4-74-1848Z	457 x 1219	18" x 48"
S4-74-1860Z	457 x 1524	18" x 60"
S4-74-1872Z	457 x 1829	18" x 72"

21" Zinc 4 Shelf Starter Unit

Model#	mm	W x L
S4-74-2124Z	533 x 610	21" x 24"
S4-74-2130Z	533 x 762	21" x 30"
S4-74-2136Z	533 x 914	21" x 36"
S4-74-2142Z	533 x 1067	21" x 42"
S4-74-2148Z	533 x 1219	21" x 48"
S4-74-2160Z	533 x 1524	21" x 60"
S4-74-2172Z	533 x 1829	21" x 72"

24" Zinc 4 Shelf Starter Unit

Model#	mm	W x L
S4-74-2424Z	610 x 610	24" x 24"
S4-74-2430Z	610 x 762	24" x 30"
S4-74-2436Z	610 x 914	24" x 36"
S4-74-2442Z	610 x 1067	24" x 42"
S4-74-2448Z	610 x 1219	24" x 48"
S4-74-2460Z	610 x 1524	24" x 60"
S4-74-2472Z	610 x 1829	24" x 72"



Four Shelf Add-On Units - 63" Height

Eagle® Four Shelf Starter Units come with four wire shelves two posts (same finish as shelves) and two "S" hooks for each shelf. Available in 63" and 74" (1600 and 1880mm) post height.

- **Stainless Steel** for ultimate corrosion resistance (15 year limited warranty)
- **Eaglegard® Epoxy Coated** for corrosion resistance (15 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



63" Height Four Shelf Add-On Units

18" Stainless 4 Shelf Add-On Unit

Model#	mm	W x L
A4-63-1824S	457 x 610	18" x 24"
A4-63-1830S	457 x 762	18" x 30"
A4-63-1836S	457 x 914	18" x 36"
A4-63-1842S	457 x 1067	18" x 42"
A4-63-1848S	457 x 1219	18" x 48"
A4-63-1860S	457 x 1524	18" x 60"
A4-63-1872S	457 x 1829	18" x 72"

21" Stainless 4 Shelf Add-On Unit

Model#	mm	W x L
A4-63-2124S	533 x 610	21" x 24"
A4-63-2130S	533 x 762	21" x 30"
A4-63-2136S	533 x 914	21" x 36"
A4-63-2142S	533 x 1067	21" x 42"
A4-63-2148S	533 x 1219	21" x 48"
A4-63-2160S	533 x 1524	21" x 60"
A4-63-2172S	533 x 1829	21" x 72"

24" Stainless 4 Shelf Add-On Unit

Model#	mm	W x L
A4-63-2424S	610 x 610	24" x 24"
A4-63-2430S	610 x 762	24" x 30"
A4-63-2436S	610 x 914	24" x 36"
A4-63-2442S	610 x 1067	24" x 42"
A4-63-2448S	610 x 1219	24" x 48"
A4-63-2460S	610 x 1524	24" x 60"
A4-63-2472S	610 x 1829	24" x 72"

18" Epoxy 4 Shelf Add-On Unit

Model#	mm	W x L
A4-63-1824E	457 x 610	18" x 24"
A4-63-1830E	457 x 762	18" x 30"
A4-63-1836E	457 x 914	18" x 36"
A4-63-1842E	457 x 1067	18" x 42"
A4-63-1848E	457 x 1219	18" x 48"
A4-63-1860E	457 x 1524	18" x 60"
A4-63-1872E	457 x 1829	18" x 72"

21" Epoxy 4 Shelf Add-On Unit

Model#	mm	W x L
A4-63-2124E	533 x 610	21" x 24"
A4-63-2130E	533 x 762	21" x 30"
A4-63-2136E	533 x 914	21" x 36"
A4-63-2142E	533 x 1067	21" x 42"
A4-63-2148E	533 x 1219	21" x 48"
A4-63-2160E	533 x 1524	21" x 60"
A4-63-2172E	533 x 1829	21" x 72"

24" Epoxy 4 Shelf Add-On Unit

Model#	mm	W x L
A4-63-2424E	610 x 610	24" x 24"
A4-63-2430E	610 x 762	24" x 30"
A4-63-2436E	610 x 914	24" x 36"
A4-63-2442E	610 x 1067	24" x 42"
A4-63-2448E	610 x 1219	24" x 48"
A4-63-2460E	610 x 1524	24" x 60"
A4-63-2472E	610 x 1829	24" x 72"



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Four Shelf Add-On Units - 63" Height

Eagle® Four Shelf Add-On Units come with four wire shelves two posts (same finish as shelves), and two "S" hooks for each shelf. Available in 63" and 74" (1600 and 1880mm) post height.

- **Chrome Finish** for dry storage
(1 year limited warranty)
- **Eaglebrite® Zinc** for dry storage
(3 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



63" Height Four Shelf Add-On Units

18" Chrome 4 Shelf Add-On Unit

Model#	mm	W x L
A4-63-1824C	457 x 610	18" x 24"
A4-63-1830C	457 x 762	18" x 30"
A4-63-1836C	457 x 914	18" x 36"
A4-63-1842C	457 x 1067	18" x 42"
A4-63-1848C	457 x 1219	18" x 48"
A4-63-1860C	457 x 1524	18" x 60"
A4-63-1872C	457 x 1829	18" x 72"

21" Chrome 4 Shelf Add-On Unit

Model#	mm	W x L
A4-63-2124C	533 x 610	21" x 24"
A4-63-2130C	533 x 762	21" x 30"
A4-63-2136C	533 x 914	21" x 36"
A4-63-2142C	533 x 1067	21" x 42"
A4-63-2148C	533 x 1219	21" x 48"
A4-63-2160C	533 x 1524	21" x 60"
A4-63-2172C	533 x 1829	21" x 72"

24" Chrome 4 Shelf Add-On Unit

Model#	mm	W x L
A4-63-2424C	610 x 610	24" x 24"
A4-63-2430C	610 x 762	24" x 30"
A4-63-2436C	610 x 914	24" x 36"
A4-63-2442C	610 x 1067	24" x 42"
A4-63-2448C	610 x 1219	24" x 48"
A4-63-2460C	610 x 1524	24" x 60"
A4-63-2472C	610 x 1829	24" x 72"

18" Zinc 4 Shelf Add-On Unit

Model#	mm	W x L
A4-63-1824Z	457 x 610	18" x 24"
A4-63-1830Z	457 x 762	18" x 30"
A4-63-1836Z	457 x 914	18" x 36"
A4-63-1842Z	457 x 1067	18" x 42"
A4-63-1848Z	457 x 1219	18" x 48"
A4-63-1860Z	457 x 1524	18" x 60"
A4-63-1872Z	457 x 1829	18" x 72"

21" Zinc 4 Shelf Add-On Unit

Model#	mm	W x L
A4-63-2124Z	533 x 610	21" x 24"
A4-63-2130Z	533 x 762	21" x 30"
A4-63-2136Z	533 x 914	21" x 36"
A4-63-2142Z	533 x 1067	21" x 42"
A4-63-2148Z	533 x 1219	21" x 48"
A4-63-2160Z	533 x 1524	21" x 60"
A4-63-2172Z	533 x 1829	21" x 72"

24" Zinc 4 Shelf Add-On Unit

Model#	mm	W x L
A4-63-2424Z	610 x 610	24" x 24"
A4-63-2430Z	610 x 762	24" x 30"
A4-63-2436Z	610 x 914	24" x 36"
A4-63-2442Z	610 x 1067	24" x 42"
A4-63-2448Z	610 x 1219	24" x 48"
A4-63-2460Z	610 x 1524	24" x 60"
A4-63-2472Z	610 x 1829	24" x 72"



Four Shelf Add-On Units - 74" Height

Eagle® Four Shelf Add On Units come with four wire shelves two posts (same finish as shelves) and two "S" hooks for each shelf. Available in 63" and 74" (1600 and 1880mm) post height.

- **Stainless Steel** for ultimate corrosion resistance (15 year limited warranty)
- **Eaglegard® Epoxy Coated** for corrosion resistance (15 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



74" Height Four Shelf Add-On Units

18" Stainless 4 Shelf Add On Unit

Model#	mm	W x L
A4-74-1824S	457 x 610	18" x 24"
A4-74-1830S	457 x 762	18" x 30"
A4-74-1836S	457 x 914	18" x 36"
A4-74-1842S	457 x 1067	18" x 42"
A4-74-1848S	457 x 1219	18" x 48"
A4-74-1860S	457 x 1524	18" x 60"
A4-74-1872S	457 x 1829	18" x 72"

21" Stainless 4 Shelf Add On Unit

Model#	mm	W x L
A4-74-2124S	533 x 610	21" x 24"
A4-74-2130S	533 x 762	21" x 30"
A4-74-2136S	533 x 914	21" x 36"
A4-74-2142S	533 x 1067	21" x 42"
A4-74-2148S	533 x 1219	21" x 48"
A4-74-2160S	533 x 1524	21" x 60"
A4-74-2172S	533 x 1829	21" x 72"

24" Stainless 4 Shelf Add On Unit

Model#	mm	W x L
A4-74-2424S	610 x 610	24" x 24"
A4-74-2430S	610 x 762	24" x 30"
A4-74-2436S	610 x 914	24" x 36"
A4-74-2442S	610 x 1067	24" x 42"
A4-74-2448S	610 x 1219	24" x 48"
A4-74-2460S	610 x 1524	24" x 60"
A4-74-2472S	610 x 1829	24" x 72"

18" Epoxy 4 Shelf Add On Unit

Model#	mm	W x L
A4-74-1824E	457 x 610	18" x 24"
A4-74-1830E	457 x 762	18" x 30"
A4-74-1836E	457 x 914	18" x 36"
A4-74-1842E	457 x 1067	18" x 42"
A4-74-1848E	457 x 1219	18" x 48"
A4-74-1860E	457 x 1524	18" x 60"
A4-74-1872E	457 x 1829	18" x 72"

21" Epoxy 4 Shelf Add On Unit

Model#	mm	W x L
A4-74-2124E	533 x 610	21" x 24"
A4-74-2130E	533 x 762	21" x 30"
A4-74-2136E	533 x 914	21" x 36"
A4-74-2142E	533 x 1067	21" x 42"
A4-74-2148E	533 x 1219	21" x 48"
A4-74-2160E	533 x 1524	21" x 60"
A4-74-2172E	533 x 1829	21" x 72"

24" Epoxy 4 Shelf Add On Unit

Model#	mm	W x L
A4-74-2424E	610 x 610	24" x 24"
A4-74-2430E	610 x 762	24" x 30"
A4-74-2436E	610 x 914	24" x 36"
A4-74-2442E	610 x 1067	24" x 42"
A4-74-2448E	610 x 1219	24" x 48"
A4-74-2460E	610 x 1524	24" x 60"
A4-74-2472E	610 x 1829	24" x 72"



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Four Shelf Add-On Units - 74" Height

Eagle® Four Shelf Add-On Units come with four wire shelves, two posts (same finish as shelves) and two "S" hooks for each shelf. Available in 63" and 74" (1600 and 1880mm) post height.

- **Chrome Finish** for dry storage
(1 year limited warranty)
- **Eaglebrite® Zinc** for dry storage
(3 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



74" Height Four Shelf Add-On Units

18" Chrome 4 Shelf Add-On Unit

Model#	mm	W x L
A4-74-1824C	457 x 610	18" x 24"
A4-74-1830C	457 x 762	18" x 30"
A4-74-1836C	457 x 914	18" x 36"
A4-74-1842C	457 x 1067	18" x 42"
A4-74-1848C	457 x 1219	18" x 48"
A4-74-1860C	457 x 1524	18" x 60"
A4-74-1872C	457 x 1829	18" x 72"

21" Chrome 4 Shelf Add-On Unit

Model#	mm	W x L
A4-74-2124C	533 x 610	21" x 24"
A4-74-2130C	533 x 762	21" x 30"
A4-74-2136C	533 x 914	21" x 36"
A4-74-2142C	533 x 1067	21" x 42"
A4-74-2148C	533 x 1219	21" x 48"
A4-74-2160C	533 x 1524	21" x 60"
A4-74-2172C	533 x 1829	21" x 72"

24" Chrome 4 Shelf Add-On Unit

Model#	mm	W x L
A4-74-2424C	610 x 610	24" x 24"
A4-74-2430C	610 x 762	24" x 30"
A4-74-2436C	610 x 914	24" x 36"
A4-74-2442C	610 x 1067	24" x 42"
A4-74-2448C	610 x 1219	24" x 48"
A4-74-2460C	610 x 1524	24" x 60"
A4-74-2472C	610 x 1829	24" x 72"

18" Zinc 4 Shelf Add-On Unit

Model#	mm	W x L
A4-74-1824Z	457 x 610	18" x 24"
A4-74-1830Z	457 x 762	18" x 30"
A4-74-1836Z	457 x 914	18" x 36"
A4-74-1842Z	457 x 1067	18" x 42"
A4-74-1848Z	457 x 1219	18" x 48"
A4-74-1860Z	457 x 1524	18" x 60"
A4-74-1872Z	457 x 1829	18" x 72"

21" Zinc 4 Shelf Add-On Unit

Model#	mm	W x L
A4-74-2124Z	533 x 610	21" x 24"
A4-74-2130Z	533 x 762	21" x 30"
A4-74-2136Z	533 x 914	21" x 36"
A4-74-2142Z	533 x 1067	21" x 42"
A4-74-2148Z	533 x 1219	21" x 48"
A4-74-2160Z	533 x 1524	21" x 60"
A4-74-2172Z	533 x 1829	21" x 72"

24" Zinc 4 Shelf Add-On Unit

Model#	mm	W x L
A4-74-2424Z	610 x 610	24" x 24"
A4-74-2430Z	610 x 762	24" x 30"
A4-74-2436Z	610 x 914	24" x 36"
A4-74-2442Z	610 x 1067	24" x 42"
A4-74-2448Z	610 x 1219	24" x 48"
A4-74-2460Z	610 x 1524	24" x 60"
A4-74-2472Z	610 x 1829	24" x 72"



Five Shelf Starter Units - 74" Height

Eagle® Five Shelf Starter Units come with five wire shelves and four posts (same finish as shelves). Available in 74" and 86" (1880 and 2184mm) post height.

- **Stainless Steel** for ultimate corrosion resistance (15 year limited warranty)
- **Eaglegard® Epoxy Coated** for corrosion resistance (15 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



74" Height Five Shelf Starter Units

18" Stainless 5 Shelf Starter Unit

Model#	mm	W x L
S5-74-1824S	457 x 610	18" x 24"
S5-74-1830S	457 x 762	18" x 30"
S5-74-1836S	457 x 914	18" x 36"
S5-74-1842S	457 x 1067	18" x 42"
S5-74-1848S	457 x 1219	18" x 48"
S5-74-1860S	457 x 1524	18" x 60"
S5-74-1872S	457 x 1829	18" x 72"

21" Stainless 5 Shelf Starter Unit

Model#	mm	W x L
S5-74-2124S	533 x 610	21" x 24"
S5-74-2130S	533 x 762	21" x 30"
S5-74-2136S	533 x 914	21" x 36"
S5-74-2142S	533 x 1067	21" x 42"
S5-74-2148S	533 x 1219	21" x 48"
S5-74-2160S	533 x 1524	21" x 60"
S5-74-2172S	533 x 1829	21" x 72"

24" Stainless 5 Shelf Starter Unit

Model#	mm	W x L
S5-74-2424S	610 x 610	24" x 24"
S5-74-2430S	610 x 762	24" x 30"
S5-74-2436S	610 x 914	24" x 36"
S5-74-2442S	610 x 1067	24" x 42"
S5-74-2448S	610 x 1219	24" x 48"
S5-74-2460S	610 x 1524	24" x 60"
S5-74-2472S	610 x 1829	24" x 72"

18" Epoxy 5 Shelf Starter Unit

Model#	mm	W x L
S5-74-1824E	457 x 610	18" x 24"
S5-74-1830E	457 x 762	18" x 30"
S5-74-1836E	457 x 914	18" x 36"
S5-74-1842E	457 x 1067	18" x 42"
S5-74-1848E	457 x 1219	18" x 48"
S5-74-1860E	457 x 1524	18" x 60"
S5-74-1872E	457 x 1829	18" x 72"

21" Epoxy 5 Shelf Starter Unit

Model#	mm	W x L
S5-74-2124E	533 x 610	21" x 24"
S5-74-2130E	533 x 762	21" x 30"
S5-74-2136E	533 x 914	21" x 36"
S5-74-2142E	533 x 1067	21" x 42"
S5-74-2148E	533 x 1219	21" x 48"
S5-74-2160E	533 x 1524	21" x 60"
S5-74-2172E	533 x 1829	21" x 72"

24" Epoxy 5 Shelf Starter Unit

Model#	mm	W x L
S5-74-2424E	610 x 610	24" x 24"
S5-74-2430E	610 x 762	24" x 30"
S5-74-2436E	610 x 914	24" x 36"
S5-74-2442E	610 x 1067	24" x 42"
S5-74-2448E	610 x 1219	24" x 48"
S5-74-2460E	610 x 1524	24" x 60"
S5-74-2472E	610 x 1829	24" x 72"



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Five Shelf Starter Units - 74" Height

Eagle® Five Shelf Starter Units come with five wire shelves and four posts (same finish as shelves). Available in 74" and 86" (1880 and 2184mm) post height.

- **Chrome Finish** for dry storage
(1 year limited warranty)
- **Eaglebrite® Zinc** for dry storage
(3 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



74" Height Five Shelf Starter Units

18" Chrome 5 Shelf Starter Unit

Model#	mm	W x L
S5-74-1824C	457 x 610	18" x 24"
S5-74-1830C	457 x 762	18" x 30"
S5-74-1836C	457 x 914	18" x 36"
S5-74-1842C	457 x 1067	18" x 42"
S5-74-1848C	457 x 1219	18" x 48"
S5-74-1860C	457 x 1524	18" x 60"
S5-74-1872C	457 x 1829	18" x 72"

21" Chrome 5 Shelf Starter Unit

Model#	mm	W x L
S5-74-2124C	533 x 610	21" x 24"
S5-74-2130C	533 x 762	21" x 30"
S5-74-2136C	533 x 914	21" x 36"
S5-74-2142C	533 x 1067	21" x 42"
S5-74-2148C	533 x 1219	21" x 48"
S5-74-2160C	533 x 1524	21" x 60"
S5-74-2172C	533 x 1829	21" x 72"

24" Chrome 5 Shelf Starter Unit

Model#	mm	W x L
S5-74-2424C	610 x 610	24" x 24"
S5-74-2430C	610 x 762	24" x 30"
S5-74-2436C	610 x 914	24" x 36"
S5-74-2442C	610 x 1067	24" x 42"
S5-74-2448C	610 x 1219	24" x 48"
S5-74-2460C	610 x 1524	24" x 60"
S5-74-2472C	610 x 1829	24" x 72"

18" Zinc 5 Shelf Starter Unit

Model#	mm	W x L
S5-74-1824Z	457 x 610	18" x 24"
S5-74-1830Z	457 x 762	18" x 30"
S5-74-1836Z	457 x 914	18" x 36"
S5-74-1842Z	457 x 1067	18" x 42"
S5-74-1848Z	457 x 1219	18" x 48"
S5-74-1860Z	457 x 1524	18" x 60"
S5-74-1872Z	457 x 1829	18" x 72"

21" Zinc 5 Shelf Starter Unit

Model#	mm	W x L
S5-74-2124Z	533 x 610	21" x 24"
S5-74-2130Z	533 x 762	21" x 30"
S5-74-2136Z	533 x 914	21" x 36"
S5-74-2142Z	533 x 1067	21" x 42"
S5-74-2148Z	533 x 1219	21" x 48"
S5-74-2160Z	533 x 1524	21" x 60"
S5-74-2172Z	533 x 1829	21" x 72"

24" Zinc 5 Shelf Starter Unit

Model#	mm	W x L
S5-74-2424Z	610 x 610	24" x 24"
S5-74-2430Z	610 x 762	24" x 30"
S5-74-2436Z	610 x 914	24" x 36"
S5-74-2442Z	610 x 1067	24" x 42"
S5-74-2448Z	610 x 1219	24" x 48"
S5-74-2460Z	610 x 1524	24" x 60"
S5-74-2472Z	610 x 1829	24" x 72"



Five Shelf Starter Units - 86" Height

Eagle® Five Shelf Starter Units come with five wire shelves and four posts (same finish as shelves). Available in 74" and 86" (1880 and 2184mm) post height.

- **Stainless Steel** for ultimate corrosion resistance (15 year limited warranty)
- **Eaglegard® Epoxy Coated** for corrosion resistance (15 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



86" Height Five Shelf Starter Units

18" Stainless 5 Shelf Starter Unit

Model#	mm	W x L
S5-86-1824S	457 x 610	18" x 24"
S5-86-1830S	457 x 762	18" x 30"
S5-86-1836S	457 x 914	18" x 36"
S5-86-1842S	457 x 1067	18" x 42"
S5-86-1848S	457 x 1219	18" x 48"
S5-86-1860S	457 x 1524	18" x 60"
S5-86-1872S	457 x 1829	18" x 72"

21" Stainless 5 Shelf Starter Unit

Model#	mm	W x L
S5-86-2124S	533 x 610	21" x 24"
S5-86-2130S	533 x 762	21" x 30"
S5-86-2136S	533 x 914	21" x 36"
S5-86-2142S	533 x 1067	21" x 42"
S5-86-2148S	533 x 1219	21" x 48"
S5-86-2160S	533 x 1524	21" x 60"
S5-86-2172S	533 x 1829	21" x 72"

24" Stainless 5 Shelf Starter Unit

Model#	mm	W x L
S5-86-2424S	610 x 610	24" x 24"
S5-86-2430S	610 x 762	24" x 30"
S5-86-2436S	610 x 914	24" x 36"
S5-86-2442S	610 x 1067	24" x 42"
S5-86-2448S	610 x 1219	24" x 48"
S5-86-2460S	610 x 1524	24" x 60"
S5-86-2472S	610 x 1829	24" x 72"

18" Epoxy 5 Shelf Starter Unit

Model#	mm	W x L
S5-86-1824E	457 x 610	18" x 24"
S5-86-1830E	457 x 762	18" x 30"
S5-86-1836E	457 x 914	18" x 36"
S5-86-1842E	457 x 1067	18" x 42"
S5-86-1848E	457 x 1219	18" x 48"
S5-86-1860E	457 x 1524	18" x 60"
S5-86-1872E	457 x 1829	18" x 72"

21" Epoxy 5 Shelf Starter Unit

Model#	mm	W x L
S5-86-2124E	533 x 610	21" x 24"
S5-86-2130E	533 x 762	21" x 30"
S5-86-2136E	533 x 914	21" x 36"
S5-86-2142E	533 x 1067	21" x 42"
S5-86-2148E	533 x 1219	21" x 48"
S5-86-2160E	533 x 1524	21" x 60"
S5-86-2172E	533 x 1829	21" x 72"

24" Epoxy 5 Shelf Starter Unit

Model#	mm	W x L
S5-86-2424E	610 x 610	24" x 24"
S5-86-2430E	610 x 762	24" x 30"
S5-86-2436E	610 x 914	24" x 36"
S5-86-2442E	610 x 1067	24" x 42"
S5-86-2448E	610 x 1219	24" x 48"
S5-86-2460E	610 x 1524	24" x 60"
S5-86-2472E	610 x 1829	24" x 72"



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Five Shelf Starter Units - 86" Height

Eagle® Five Shelf Starter Units come with five wire shelves and four posts (same finish as shelves). Available in 74" and 86" (1880 and 2184 mm) post height.

- **Chrome Finish** for dry storage
(1 year limited warranty)
- **Eaglebrite® Zinc** for dry storage
(3 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



86" Height Five Shelf Starter Units

18" Chrome 5 Shelf Starter Unit

Model#	mm	W x L
S5-86-1824C	457 x 610	18" x 24"
S5-86-1830C	457 x 762	18" x 30"
S5-86-1836C	457 x 914	18" x 36"
S5-86-1842C	457 x 1067	18" x 42"
S5-86-1848C	457 x 1219	18" x 48"
S5-86-1860C	457 x 1524	18" x 60"
S5-86-1872C	457 x 1829	18" x 72"

21" Chrome 5 Shelf Starter Unit

Model#	mm	W x L
S5-86-2124C	533 x 610	21" x 24"
S5-86-2130C	533 x 762	21" x 30"
S5-86-2136C	533 x 914	21" x 36"
S5-86-2142C	533 x 1067	21" x 42"
S5-86-2148C	533 x 1219	21" x 48"
S5-86-2160C	533 x 1524	21" x 60"
S5-86-2172C	533 x 1829	21" x 72"

24" Chrome 5 Shelf Starter Unit

Model#	mm	W x L
S5-86-2424C	610 x 610	24" x 24"
S5-86-2430C	610 x 762	24" x 30"
S5-86-2436C	610 x 914	24" x 36"
S5-86-2442C	610 x 1067	24" x 42"
S5-86-2448C	610 x 1219	24" x 48"
S5-86-2460C	610 x 1524	24" x 60"
S5-86-2472C	610 x 1829	24" x 72"

18" Zinc 5 Shelf Starter Unit

Model#	mm	W x L
S5-86-1824Z	457 x 610	18" x 24"
S5-86-1830Z	457 x 762	18" x 30"
S5-86-1836Z	457 x 914	18" x 36"
S5-86-1842Z	457 x 1067	18" x 42"
S5-86-1848Z	457 x 1219	18" x 48"
S5-86-1860Z	457 x 1524	18" x 60"
S5-86-1872Z	457 x 1829	18" x 72"

21" Zinc 5 Shelf Starter Unit

Model#	mm	W x L
S5-86-2124Z	533 x 610	21" x 24"
S5-86-2130Z	533 x 762	21" x 30"
S5-86-2136Z	533 x 914	21" x 36"
S5-86-2142Z	533 x 1067	21" x 42"
S5-86-2148Z	533 x 1219	21" x 48"
S5-86-2160Z	533 x 1524	21" x 60"
S5-86-2172Z	533 x 1829	21" x 72"

24" Zinc 5 Shelf Starter Unit

Model#	mm	W x L
S5-86-2424Z	610 x 610	24" x 24"
S5-86-2430Z	610 x 762	24" x 30"
S5-86-2436Z	610 x 914	24" x 36"
S5-86-2442Z	610 x 1067	24" x 42"
S5-86-2448Z	610 x 1219	24" x 48"
S5-86-2460Z	610 x 1524	24" x 60"
S5-86-2472Z	610 x 1829	24" x 72"



Five Shelf Add-On Units - 74" Height

Eagle® Five Shelf Add-On Units come with five wire shelves two posts (same finish as shelves) and two "S" hooks for each shelf. Available in 74" and 86" (1880 and 2184mm) post height.

- **Stainless Steel** for ultimate corrosion resistance (15 year limited warranty)
 - **Eaglegard® Epoxy Coated** for corrosion resistance (15 year limited warranty)
- Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



74" Height Five Shelf Add-On Units

18" Stainless 5 Shelf Add-On Unit

Model#	mm	W x L
A5-74-1824S	457 x 610	18" x 24"
A5-74-1830S	457 x 762	18" x 30"
A5-74-1836S	457 x 914	18" x 36"
A5-74-1842S	457 x 1067	18" x 42"
A5-74-1848S	457 x 1219	18" x 48"
A5-74-1860S	457 x 1524	18" x 60"
A5-74-1872S	457 x 1829	18" x 72"

21" Stainless 5 Shelf Add-On Unit

Model#	mm	W x L
A5-74-2124S	533 x 610	21" x 24"
A5-74-2130S	533 x 762	21" x 30"
A5-74-2136S	533 x 914	21" x 36"
A5-74-2142S	533 x 1067	21" x 42"
A5-74-2148S	533 x 1219	21" x 48"
A5-74-2160S	533 x 1524	21" x 60"
A5-74-2172S	533 x 1829	21" x 72"

24" Stainless 5 Shelf Add-On Unit

Model#	mm	W x L
A5-74-2424S	610 x 610	24" x 24"
A5-74-2430S	610 x 762	24" x 30"
A5-74-2436S	610 x 914	24" x 36"
A5-74-2442S	610 x 1067	24" x 42"
A5-74-2448S	610 x 1219	24" x 48"
A5-74-2460S	610 x 1524	24" x 60"
A5-74-2472S	610 x 1829	24" x 72"

18" Epoxy 5 Shelf Add-On Unit

Model#	mm	W x L
A5-74-1824E	457 x 610	18" x 24"
A5-74-1830E	457 x 762	18" x 30"
A5-74-1836E	457 x 914	18" x 36"
A5-74-1842E	457 x 1067	18" x 42"
A5-74-1848E	457 x 1219	18" x 48"
A5-74-1860E	457 x 1524	18" x 60"
A5-74-1872E	457 x 1829	18" x 72"

21" Epoxy 5 Shelf Add-On Unit

Model#	mm	W x L
A5-74-2124E	533 x 610	21" x 24"
A5-74-2130E	533 x 762	21" x 30"
A5-74-2136E	533 x 914	21" x 36"
A5-74-2142E	533 x 1067	21" x 42"
A5-74-2148E	533 x 1219	21" x 48"
A5-74-2160E	533 x 1524	21" x 60"
A5-74-2172E	533 x 1829	21" x 72"

24" Epoxy 5 Shelf Add-On Unit

Model#	mm	W x L
A5-74-2424E	610 x 610	24" x 24"
A5-74-2430E	610 x 762	24" x 30"
A5-74-2436E	610 x 914	24" x 36"
A5-74-2442E	610 x 1067	24" x 42"
A5-74-2448E	610 x 1219	24" x 48"
A5-74-2460E	610 x 1524	24" x 60"
A5-74-2472E	610 x 1829	24" x 72"



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Five Shelf Add-On Units - 74" Height

Eagle® Five Shelf Add-On Units come with five wire shelves, two posts (same finish as shelves) and two "S" hooks for each shelf. Available in 74" and 86" (1880 and 2184 mm) post height.

- **Chrome Finish** for dry storage (1 year limited warranty)
- **Eaglebrite® Zinc** for dry storage (3 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



74" Height Five Shelf Add-On Unit

18" Chrome 5 Shelf Starter Unit

Model#	mm	W x L
A5-74-1824C	457 x 610	18" x 24"
A5-74-1830C	457 x 762	18" x 30"
A5-74-1836C	457 x 914	18" x 36"
A5-74-1842C	457 x 1067	18" x 42"
A5-74-1848C	457 x 1219	18" x 48"
A5-74-1860C	457 x 1524	18" x 60"
A5-74-1872C	457 x 1829	18" x 72"

21" Chrome 5 Shelf Starter Unit

Model#	mm	W x L
A5-74-2124C	533 x 610	21" x 24"
A5-74-2130C	533 x 762	21" x 30"
A5-74-2136C	533 x 914	21" x 36"
A5-74-2142C	533 x 1067	21" x 42"
A5-74-2148C	533 x 1219	21" x 48"
A5-74-2160C	533 x 1524	21" x 60"
A5-74-2172C	533 x 1829	21" x 72"

24" Chrome 5 Shelf Starter Unit

Model#	mm	W x L
A5-74-2424C	610 x 610	24" x 24"
A5-74-2430C	610 x 762	24" x 30"
A5-74-2436C	610 x 914	24" x 36"
A5-74-2442C	610 x 1067	24" x 42"
A5-74-2448C	610 x 1219	24" x 48"
A5-74-2460C	610 x 1524	24" x 60"
A5-74-2472C	610 x 1829	24" x 72"

18" Zinc 5 Shelf Starter Unit

Model#	mm	W x L
A5-74-1824Z	457 x 610	18" x 24"
A5-74-1830Z	457 x 762	18" x 30"
A5-74-1836Z	457 x 914	18" x 36"
A5-74-1842Z	457 x 1067	18" x 42"
A5-74-1848Z	457 x 1219	18" x 48"
A5-74-1860Z	457 x 1524	18" x 60"
A5-74-1872Z	457 x 1829	18" x 72"

21" Zinc 5 Shelf Starter Unit

Model#	mm	W x L
A5-74-2124Z	533 x 610	21" x 24"
A5-74-2130Z	533 x 762	21" x 30"
A5-74-2136Z	533 x 914	21" x 36"
A5-74-2142Z	533 x 1067	21" x 42"
A5-74-2148Z	533 x 1219	21" x 48"
A5-74-2160Z	533 x 1524	21" x 60"
A5-74-2172Z	533 x 1829	21" x 72"

24" Zinc 5 Shelf Starter Unit

Model#	mm	W x L
A5-74-2424Z	610 x 610	24" x 24"
A5-74-2430Z	610 x 762	24" x 30"
A5-74-2436Z	610 x 914	24" x 36"
A5-74-2442Z	610 x 1067	24" x 42"
A5-74-2448Z	610 x 1219	24" x 48"
A5-74-2460Z	610 x 1524	24" x 60"
A5-74-2472Z	610 x 1829	24" x 72"



Five Shelf Add-On Units - 86" Height

Eagle® Five Shelf Add-On Units come with five wire shelves two posts (same finish as shelves) and two "S" hooks for each shelf. Available in 74" and 86" (1880 and 2184mm) post height.

- **Stainless Steel** for ultimate corrosion resistance (15 year limited warranty)
 - **Eaglegard® Epoxy Coated** for corrosion resistance (15 year limited warranty)
- Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



86" Height Five Shelf Add-On Units

18" Stainless 5 Shelf Add-On Unit

Model#	mm	W x L
A5-86-1824S	457 x 610	18" x 24"
A5-86-1830S	457 x 762	18" x 30"
A5-86-1836S	457 x 914	18" x 36"
A5-86-1842S	457 x 1067	18" x 42"
A5-86-1848S	457 x 1219	18" x 48"
A5-86-1860S	457 x 1524	18" x 60"
A5-86-1872S	457 x 1829	18" x 72"

21" Stainless 5 Shelf Add-On Unit

Model#	mm	W x L
A5-86-2124S	533 x 610	21" x 24"
A5-86-2130S	533 x 762	21" x 30"
A5-86-2136S	533 x 914	21" x 36"
A5-86-2142S	533 x 1067	21" x 42"
A5-86-2148S	533 x 1219	21" x 48"
A5-86-2160S	533 x 1524	21" x 60"
A5-86-2172S	533 x 1829	21" x 72"

24" Stainless 5 Shelf Add-On Unit

Model#	mm	W x L
A5-86-2424S	610 x 610	24" x 24"
A5-86-2430S	610 x 762	24" x 30"
A5-86-2436S	610 x 914	24" x 36"
A5-86-2442S	610 x 1067	24" x 42"
A5-86-2448S	610 x 1219	24" x 48"
A5-86-2460S	610 x 1524	24" x 60"
A5-86-2472S	610 x 1829	24" x 72"

18" Epoxy 5 Shelf Add-On Unit

Model#	mm	W x L
A5-86-1824E	457 x 610	18" x 24"
A5-86-1830E	457 x 762	18" x 30"
A5-86-1836E	457 x 914	18" x 36"
A5-86-1842E	457 x 1067	18" x 42"
A5-86-1848E	457 x 1219	18" x 48"
A5-86-1860E	457 x 1524	18" x 60"
A5-86-1872E	457 x 1829	18" x 72"

21" Epoxy 5 Shelf Add-On Unit

Model#	mm	W x L
A5-86-2124E	533 x 610	21" x 24"
A5-86-2130E	533 x 762	21" x 30"
A5-86-2136E	533 x 914	21" x 36"
A5-86-2142E	533 x 1067	21" x 42"
A5-86-2148E	533 x 1219	21" x 48"
A5-86-2160E	533 x 1524	21" x 60"
A5-86-2172E	533 x 1829	21" x 72"

24" Epoxy 5 Shelf Add-On Unit

Model#	mm	W x L
A5-86-2424E	610 x 610	24" x 24"
A5-86-2430E	610 x 762	24" x 30"
A5-86-2436E	610 x 914	24" x 36"
A5-86-2442E	610 x 1067	24" x 42"
A5-86-2448E	610 x 1219	24" x 48"
A5-86-2460E	610 x 1524	24" x 60"
A5-86-2472E	610 x 1829	24" x 72"



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Five Shelf Add-On Units - 86" Height

Eagle® Five Shelf Add-On Units come with five wire shelves, two posts (same finish as shelves) and two "S" hooks for each shelf. Available in 74" and 86" (1880 and 2184 mm) post height.

- **Chrome Finish** for dry storage
(1 year limited warranty)
- **Eaglebrite® Zinc** for dry storage
(3 year limited warranty)

Shipped knocked-down. 54" (1372mm) shelves available (see pages H-2-5).



86" Height Five Shelf Add-On Unit

18" Chrome 5 Shelf Starter Unit

Model#	mm	W x L
A5-86-1824C	457 x 610	18" x 24"
A5-86-1830C	457 x 762	18" x 30"
A5-86-1836C	457 x 914	18" x 36"
A5-86-1842C	457 x 1067	18" x 42"
A5-86-1848C	457 x 1219	18" x 48"
A5-86-1860C	457 x 1524	18" x 60"
A5-86-1872C	457 x 1829	18" x 72"

21" Chrome 5 Shelf Starter Unit

Model#	mm	W x L
A5-86-2124C	533 x 610	21" x 24"
A5-86-2130C	533 x 762	21" x 30"
A5-86-2136C	533 x 914	21" x 36"
A5-86-2142C	533 x 1067	21" x 42"
A5-86-2148C	533 x 1219	21" x 48"
A5-86-2160C	533 x 1524	21" x 60"
A5-86-2172C	533 x 1829	21" x 72"

24" Chrome 5 Shelf Starter Unit

Model#	mm	W x L
A5-86-2424C	610 x 610	24" x 24"
A5-86-2430C	610 x 762	24" x 30"
A5-86-2436C	610 x 914	24" x 36"
A5-86-2442C	610 x 1067	24" x 42"
A5-86-2448C	610 x 1219	24" x 48"
A5-86-2460C	610 x 1524	24" x 60"
A5-86-2472C	610 x 1829	24" x 72"

18" Zinc 5 Shelf Starter Unit

Model#	mm	W x L
A5-86-1824Z	457 x 610	18" x 24"
A5-86-1830Z	457 x 762	18" x 30"
A5-86-1836Z	457 x 914	18" x 36"
A5-86-1842Z	457 x 1067	18" x 42"
A5-86-1848Z	457 x 1219	18" x 48"
A5-86-1860Z	457 x 1524	18" x 60"
A5-86-1872Z	457 x 1829	18" x 72"

21" Zinc 5 Shelf Starter Unit

Model#	mm	W x L
A5-86-2124Z	533 x 610	21" x 24"
A5-86-2130Z	533 x 762	21" x 30"
A5-86-2136Z	533 x 914	21" x 36"
A5-86-2142Z	533 x 1067	21" x 42"
A5-86-2148Z	533 x 1219	21" x 48"
A5-86-2160Z	533 x 1524	21" x 60"
A5-86-2172Z	533 x 1829	21" x 72"

24" Zinc 5 Shelf Starter Unit

Model#	mm	W x L
A5-86-2424Z	610 x 610	24" x 24"
A5-86-2430Z	610 x 762	24" x 30"
A5-86-2436Z	610 x 914	24" x 36"
A5-86-2442Z	610 x 1067	24" x 42"
A5-86-2448Z	610 x 1219	24" x 48"
A5-86-2460Z	610 x 1524	24" x 60"
A5-86-2472Z	610 x 1829	24" x 72"



Stem Caster Carts

These sturdy, mobile four-shelf carts by **Eagle®** are available in chrome (and Eaglebrite® zinc)*, consist of four 63" (1600mm) posts, four shelves, plastic split sleeves, donut bumpers and indicated 5" x 1¼"(127 x 32mm) casters. Fast assembly without the use of tools.

Shipped knocked-down

*Other configurations and materials are available, contact NCI for more information.



Chrome Model#	Weight		Cubic ft.	Caster Type	Wheel Tread	Shelf W x L	
	lbs.	kg				Inches	mm
CC1836C-SBP	58	26.3	2.6	swivel/brake	poly	18" x 36"	457 x 914
CC1848C-SBP	70	31.7	3.5	swivel/brake	poly	18" x 48"	457 x 1219
CC1860C-SBP	86	39.0	4.4	swivel/brake	poly	18" x 60"	457 x 1524
CC2436C-SBP	74	33.5	3.5	swivel/brake	poly	24" x 36"	610 x 914
CC2448C-SBP	90	40.8	4.5	swivel/brake	poly	24" x 48"	610 x 1219
CC2460C-SBP	110	49.9	5.6	swivel/brake	poly	24" x 60"	610 x 1524

Black Polymer Utility Carts

This cart by **Eagle™** utilizes heavy duty black polymer shelves. Includes four 4" (102mm)-diameter swivel casters-two with brake.

Available with two or three shelves. 40 7/8" (1038mm) overall height, including casters.

Both units come with 1" (25mm)-diameter chrome-plated posts and utility handle.

Optional stainless steel handle available.



Type	Model#	Overall W x L		Inside W x L		Cubic ft.	Weight					
		in.	mm	in.	mm		lbs.	kg				
Two Shelf Carts	EU2-2030-P	19½"	30"	495	762	17"	27½"	432	699	3.5	20	9.0
Three Shelf Carts	EU3-2030-P	19½"	30"	495	762	17"	27½"	432	699	3.5	22	10.0

Utility Carts

A highly flexible and maneuverable transport product by **Eagle®** which can be configured in either wire or solid shelves or a combination of both. Total height of 40" (1016mm) including casters. All units come with chrome handles. Stainless steel handles are also available. Other configurations and sizes are available, contact NCI.

Medium Duty 500lb (227kg) maximum cart capacity featuring resilient rubber casters. 18" wide carts have 4" casters; 21" and 24" carts have 5" casters.

2 Shelf Utility Carts - Medium Duty

Eaglebrite® Zinc	Chrome	Stainless Steel	Weight		Cubic ft.	Shelf W x L	
			lbs.	kg		Inches	mm
EU2-1824Z	EU2-1824C	EU2-1824S	32	14.5	2.5	18" x 24"	457 x 610
EU2-1830Z	EU2-1830C	EU2-1830S	35	15.8	2.5	18" x 30"	457 x 762
EU2-1836Z	EU2-1836C	EU2-1836S	38	17.2	2.5	18" x 36"	457 x 914
EU2-2136Z	EU2-2136C	EU2-2136S	42	19.1	2.9	21" x 36"	533 x 914
EU2-2436Z	EU2-2436C	EU2-2436S	45	20.4	2.9	24" x 36"	610 x 914



3 Shelf Utility Carts - Medium Duty

Eaglebrite® Zinc	Chrome	Stainless Steel	Weight		Cubic ft.	Shelf W x L	
			lbs.	kg		Inches	mm
EU3-1824Z	EU3-1824C	EU3-1824S	37	16.7	2.5	18" x 24"	457 x 610
EU3-1830Z	EU3-1830C	EU3-1830S	41	18.5	2.5	18" x 30"	457 x 762
EU3-1836Z	EU3-1836C	EU3-1836S	45	20.4	2.5	18" x 36"	457 x 914
EU3-2136Z	EU3-2136C	EU3-2136S	48	21.8	2.9	21" x 36"	533 x 914
EU3-2436Z	EU3-2436C	EU3-2436S	58	26.3	2.9	24" x 36"	610 x 914





Utility Carts

A highly flexible and maneuverable transport product by Eagle® which can be configured in either wire or solid shelves or a combination of both. Total height of 40" (1016mm) including casters. All units come with chrome handles. Stainless steel handles are also available. Other configurations and sizes are available, contact NCI for more information.

Heavy Duty 800 lb. (363kg) maximum cart capacity featuring 5" resilient rubber casters on all units.



2 Shelf Utility Carts - Heavy Duty

Eaglebrite® Zinc	Chrome	Stainless Steel	Weight		Cubic ft.	Shelf W x L	
			lbs.	kg		Inches	mm
U2-1836Z	U2-1836C	U2-1836S	38	17.2	2.5	18" x 36"	457 x 914
U2-1842Z	U2-1842C	U2-1842S	41	18.5	2.9	18" x 42"	457 x 1067
U2-2136Z	U2-2136C	U2-2136S	42	19.1	2.9	21" x 36"	533 x 914
U2-2142Z	U2-2142C	U2-2142S	44	20.0	3.4	21" x 42"	533 x 1067
U2-2148Z	U2-2148C	U2-2148S	48	21.8	3.9	21" x 48"	533 x 1219
U2-2436Z	U2-2436C	U2-2436S	46	20.9	3.3	24" x 36"	610 x 914
U2-2442Z	U2-2442C	U2-2442S	50	22.7	3.9	24" x 42"	610 x 1067
U2-2448Z	U2-2448C	U2-2448S	52	23.6	4.4	24" x 48"	610 x 1219
U2-2460Z	U2-2460C	U2-2460S	62	28.1	5.5	24" x 60"	610 x 1524

3 Shelf Utility Carts - Heavy Duty

Eaglebrite® Zinc	Chrome	Stainless Steel	Weight		Cubic ft.	Shelf W x L	
			lbs.	kg		Inches	mm
U3-1836Z	U3-1836C	U3-1836S	48	21.8	2.5	18" x 36"	457 x 914
U3-1842Z	U3-1842C	U3-1842S	52	23.6	2.9	18" x 42"	457 x 1067
U3-2136Z	U3-2136C	U3-2136S	53	24.0	2.9	21" x 36"	533 x 914
U3-2142Z	U3-2142C	U3-2142S	56	25.4	3.4	21" x 42"	533 x 1067
U3-2148Z	U3-2148C	U3-2148S	62	28.1	3.9	21" x 48"	533 x 1219
U3-2436Z	U3-2436C	U3-2436S	59	26.8	3.3	24" x 36"	610 x 914
U3-2442Z	U3-2442C	U3-2442S	65	29.5	3.9	24" x 42"	610 x 1067
U3-2448Z	U3-2448C	U3-2448S	68	30.8	4.4	24" x 48"	610 x 1219
U3-2460Z	U3-2460C	U3-2460S	83	37.6	5.5	24" x 60"	610 x 1524



Shelving Accessories

Stem Casters

Add mobility to your stationary unit. Use with posts and shelves. Donut bumpers included. These casters cannot be used with Master Trak®.

Decorative and conductive stem casters available. Contact NCI for more information.

For Mobile Posts, see page 7. Channel Frames for Rigid Stem Casters, available on page 34.



Swivel Stem Caster

Resilient Casters					Eaglebrite® Zinc			Stainless Steel		
Item	Wheel Diam. in.	mm	Wheel Face in.	mm	Model#	Capacity lbs.	kg	Model#	Capacity lbs.	kg
Stem/Swivel	4"	102	1"	25	CSS4-125	125	0.5	n/a	n/a	
Stem/Swivel	5"	127	1"	25	CSS5-125	125	56.7	n/a	n/a	
Stem/Swivel	5"	127	1¼"	32	CSS5-300	300	136.1	CSS5S-200	200	90.7
Stem/Swivel	5"	127	1¼"	32	CSB5-300	300	136.1	CSB5S-200	200	90.7
Stem/Rigid	5"	127	1¼"	32	CSR5-300	300	136.1	CSR5S-200	200	90.7

Polyurethane Casters

Item	Wheel Diam. in.	mm	Wheel Face in.	mm	Nickel Plat- ed	Stainless Steel	Capacity lbs.	kg
Stem/Swivel	5"	127	1¼"	32	CSS5P-300	CSS5PS-300	300	136.1
Stem/Brake	5"	127	1¼"	32	CSB5P-300	CSB5PS-300	300	136.1
Stem/Rigid	5"	127	1¼"	32	CSR5P-300	CSR5PS-300	300	136.1

Polymer Casters

Item	Type of Bearing	Wheel Diam. in.	mm	Wheel Face in.	mm	Model#	Capacity lbs.	kg
Stem/Swivel	Delrin	5"	127	1¼"	32	CPSS5-250	250	113.4
Stem/Brake	Delrin	5"	127	1¼"	32	CPSB5-250	250	113.4



Polymer Stem Caster



Shelving Accessories Stem Casters (cont'd)

Channel Frames for Rigid Stem Casters

Please note that shelf width must be known when ordering rigid stem casters in order to ship appropriate channel frame to lock rigid casters.



Channel Frames

Model#	Shelf Width		Weight		Cubic Feet
	in.	mm	lbs.	kg	
A201706	14"	356	1.5	0.7	0.1
A201007	18"	457	2.0	0.9	0.1
A201009	21"	533	2.5	1.1	0.1
A201009	24"	610	2.8	1.3	0.1
A204795	30"	762	3.5	1.6	0.1
A207562	36"	914	4.0	1.8	0.1

Replacement Donut Bumpers for Stem Casters

Item#	Description
A200019	3½" (89mm) diameter
A213261	5" (127mm) diameter With swivel center

Handles for Utility Carts

Available in chrome or stainless steel.
33 3/8" (848mm) height (without cart casters).



Chrome Item#	S.Steel Item#	Width		Weight	
		in.	mm	lbs.	kg
UH18-C	UH18-S	18"	457	1.9	0.9
UH21-C	UH21-S	21"	533	2.1	1.0
UH24-C	UH24-S	24"	610	2.3	1.1

Push Handles for Caster Carts



Available in chrome or stainless steel. Fits unit widths only. Note: Stainless steel models include electropolished finish. Easily slips over posts.

Chrome Item#	S.Steel Item#	Width		Weight	
		in.	mm	lbs.	kg
PH14-C	PH14-S	14"	356	1.7	0.8
PH18-C	PH18-S	18"	457	1.9	0.9
PH21-C	PH21-S	21"	533	2.1	1.0
PH24-C	PH24-S	24"	610	2.3	1.1
PH30-C	PH30-S	30"	762	2.6	1.2
PH36-C	PH36-S	36"	914	3.0	1.4

Extended Push Handles



Prevents damage to knuckles.
Available in Chrome and Stainless Steel.

Chrome Item#	S.Steel Item#	Width		Weight	
		in.	mm	lbs.	kg
EH14-C	EH14-S	14"	356	1.7	0.8
EH18-C	EH18-S	18"	457	1.9	0.9
EH21-C	EH21-S	21"	533	2.1	1.0
EH24-C	EH24-S	24"	610	2.3	1.1
EH30-C	EH30-S	30"	762	2.6	1.2
EH36-C	EH36-S	36"	914	3.0	1.4

Shelving Accessories

Shelf Dividers

These eight inch high (203mm) dividers help keep shelf contents organized.

Shelf Dividers for Solid Shelving

Chrome Item#	S. Steel Item#	Cubic ft.	Weight		Length	
			lb.	kg	in.	mm
SSD14-C	SSD14-S	0.6	1.0	0.5	14"	356
SSD18-C	SSD18-S	0.6	1.3	0.6	18"	457
SSD21-C	SSD21-S	0.8	1.5	0.7	21"	533
SSD24-C	SSD24-S	1.0	1.8	0.8	24"	610
SSD30-C	SSD30-S	1.2	2.3	1.0	30"	762
SSD36-C	SSD36-S	1.4	3.0	1.4	36"	914



Shelf Dividers for Wire Shelving

Eaglebrite® Zinc	Chrome	S. Steel	Cubic ft.	Weight		Length	
				lb.	kg	in.	mm
SSD14-Z	SSD14-C	SSD14-S	0.6	1	0.5	14"	356
SSD18-Z	SSD18-C	SSD18-S	0.6	1	0.5	18"	457
SSD21-Z	SSD21-C	SSD21-S	0.8	2	0.9	21"	533
SSD24-Z	SSD24-C	SSD24-S	1.0	2	0.9	24"	610
SSD30-Z	SSD30-C	SSD30-S	1.2	2	0.9	30"	762
SSD36-Z	SSD36-C	SSD36-S	1.4	3	1.4	36"	914

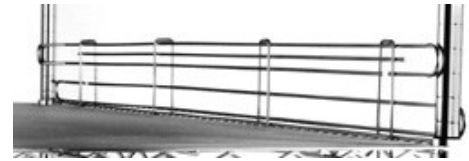




Shelving Accessories

Ledges

Ledges prevent contents from falling off unit. Available for solid and wire shelving. Chrome or stainless steel.



Ledges 1" High for Solid Shelving

Chrome	Stainless Steel	Weight		ft ³	Length	
		lbs.	kg		In.	mm
SL14-1C	SL14-1S	0.2	0.1	0.2	14"	356
SL18-1C	SL18-1S	0.3	0.1	0.3	18"	457
SL21-1C	SL21-1S	0.4	0.2	0.3	21"	533
SL24-1C	SL24-1S	0.5	0.2	0.3	24"	610
SL30-1C	SL30-1S	0.7	0.3	0.5	30"	762
SL36-1C	SL36-1S	0.9	0.4	0.6	36"	914
SL42-1C	SL42-1S	1.1	0.5	0.6	42"	1067
SL48-1C	SL48-1S	1.3	0.6	0.7	48"	1092
SL54-1C	SL54-1S	1.5	0.7	0.8	54"	1372
SL60-1C	SL60-1S	1.7	0.8	0.8	60"	1524
SL72-1C	SL72-1S	2.1	1.0	1.0	72"	1829

Ledges 4" High for Solid Shelving

Chrome	Stainless Steel	Weight		ft ³	Length	
		lbs.	kg		In.	mm
SL14-4C	SL14-4S	0.8	0.4	0.2	14"	356
SL18-4C	SL18-4S	0.9	0.4	0.3	18"	457
SL21-4C	SL21-4S	1.0	0.5	0.3	21"	533
SL24-4C	SL24-4S	1.2	0.6	0.3	24"	610
SL30-4C	SL30-4S	1.4	0.6	0.5	30"	762
SL36-4C	SL36-4S	1.6	0.7	0.6	36"	914
SL42-4C	SL42-4S	1.8	0.8	0.6	42"	1067
SL48-4C	SL48-4S	2.0	0.9	0.7	48"	1092
SL54-4C	SL54-4S	2.2	1.0	0.8	54"	1372
SL60-4C	SL60-4S	2.4	1.1	0.8	60"	1524
SL72-4C	SL72-4S	2.6	1.2	1.0	72"	1829

Ledges 1" High for Wire Shelving

Chrome	Stainless Steel	Weight		ft ³	Length	
		lbs.	kg		In.	mm
L14-1C	L14-1S	0.2	0.1	0.2	14"	356
L18-1C	L18-1S	0.3	0.1	0.3	18"	457
L21-1C	L21-1S	0.4	0.2	0.3	21"	533
L24-1C	L24-1S	0.5	0.2	0.3	24"	610
L30-1C	L30-1S	0.7	0.3	0.5	30"	762
L36-1C	L36-1S	0.9	0.4	0.6	36"	914
L42-1C	L42-1S	1.1	0.5	0.6	42"	1067
L48-1C	L48-1S	1.3	0.6	0.7	48"	1092
L54-1C	L54-1S	1.5	0.7	0.8	54"	1372
L60-1C	L60-1S	1.7	0.8	0.8	60"	1524
L72-1C	L72-1S	2.1	1.0	1.0	72"	1829

Ledges 4" High for Wire Shelving

Chrome	Stainless Steel	Weight		ft ³	Length	
		lbs.	kg		In.	mm
L14-4C	L14-4S	0.8	0.4	0.2	14"	356
L18-4C	L18-4S	0.9	0.4	0.3	18"	457
L21-4C	L21-4S	1.0	0.5	0.3	21"	533
L24-4C	L24-4S	1.2	0.6	0.3	24"	610
L30-4C	L30-4S	1.4	0.6	0.5	30"	762
L36-4C	L36-4S	1.6	0.7	0.6	36"	914
L42-4C	L42-4S	1.8	0.8	0.6	42"	1067
L48-4C	L48-4S	2.0	0.9	0.7	48"	1092
L54-4C	L54-4S	2.2	1.0	0.8	54"	1372
L60-4C	L60-4S	2.4	1.1	0.8	60"	1524
L72-4C	L72-4S	2.6	1.2	1.0	72"	1829

Shelving Accessories

Post Extension Components

Screw posts together with double-threaded bolt and extra foot casting. **Note:** Do not attempt to use any higher combinations than P54 and P86 maximum, 140" (3556mm) total.

Any combinations higher than 86" (2184mm) must be attached to walls using wall brackets on post adjacent to wall. Place only against wall, not in center of room.

Post Extension Components

Item#	Model#
Double-threaded bolt	A200868
Wall Bracket	B201023
Casting	A207351
Post Extension Kit	4PEK

Plastic Shelf Markers

Snaps onto shelf edge. Provides easy identification of shelf contents or section. Holds 1" to 1 ¼ high labels. Available in clear, gray and black.



Clear	Gray	Black	Fits Shelf Size		Length	
			in	mm	in.	mm
A208746	A204331	A206216	all	all	3"	76
A208747	A206196	A206217	18"	457	13"	330
A208749	A206197	A206218	24"	610	19"	483
A208750	A206198	A206219	30"	762	25"	635
A208751	A206199	A206220	36"	914	31"	787
A208752	A206200	A206221	48"	1219	43"	1092
A217621	A212494	n/a	48"	1219	45"	1143
A214700	A206201	A206222	60"	1524	55"	1397
A222144	n/a	n/a	72"	1829	67"	1702

Collar Plug

Fits shelf corner openings where posts have been eliminated by use of "S" hooks. Packed four per bag.



Item#	Qty per pkg
Collar Plug	Four

Post Cap

Fills post end openings at top of shelving unit. Sold one per bag.



Item#	Qty per pkg
Post Cap	One

Post Clamp

Provides maximum strength when shelving units are connected by clamping posts securely together.



Item#	Qty per pkg
Post Clamp	One (chrome)

Split Sleeves

Four Plastic Split Sleeves are included with each shelf. Extra sleeves are available below. Other types of Split Sleeves are available including Plastic Conductive, and Aluminum Split Sleeves. Packed four per bag.



Item#	Model#	Qty per pkg
Plastic Split Sleeves	Plastic Split Sleeves	Four
Plastic Conductive Split Sleeves	A219236	Four
Aluminum Split Sleeves (zinc rings)	A208909	Four
Aluminum Split Sleeves (stainless rings)	A208908	Four



Shelving Accessories

Rods and Tabs

Used to enclose back or sides of shelving units to prevent contents from falling. Also used to partition shelving units by positioning rods interior to shelves. Each rod comes with four tabs.



Height	Chrome Model#	Stainless Model#
54"	R54-C	R54-S
63"	R63-C	R63-S
74"	R74-C	R74-S
86"	R86-C	R86-S

"S" Hooks

Join individual shelving units in a number of combinations using "S" hooks. Joins end-to-end, back-to-back, or at right angles. Two "S" hooks required for each connection.



Item#	Qty per pkg
A200012	One

Solid Shelf Joining Clamp

Use these, and two additional posts, to create various shelving add-on configurations. Joins shelves end-to-end, back-to-back, or at right angles. Two required per shelf.



Item#	Qty per pkg
A203078	Two

Retaining Clamp

Chrome-plated. For use with enclosure panels. Each enclosure panel includes a quantity of four.



Item#	Qty per pkg
A203078	One

Leveling Foot/Casting

Use these to accommodate for uneven floors. The casting stabilizes leveling feet.



Casting

Item#	Qty per pkg
Leveling Foot	One
Casting A203568	One

Glides

Fits under leveling bolt to protect floors from abrasion. Sold one per package



Item#	Qty per pkg
Glides	One

Foot Plates

These allow unit to be bolted to the floor. Can be used without bolts when a wider foot is desired for more stability.



Triangular foot plates available in chrome, stainless steel, or black epoxy.

Square foot plates available in chrome or stainless steel



Item#	Model#	Qty per pkg
Chrome Triangular	Foot Plate	One
Stainless Steel Triangular	Foot Plate-S	One
Black Epoxy Triangle	Foot Plate BL	One
Chrome Square	A207199	One
Stainless Steel Square	A208627	One



Shelving Accessories

3-Sided Frames

These frames improve support and stability for your shelving units. Available in double truss and channel frame configurations (see next page). Listed here in Chrome (C), other finishes available: Eaglegard® Epoxy (E) and Stainless Steel (S). Contact NCI for more information.



3 Sided Double Truss Frame

Chrome Double Truss Frames

18" Double Truss Frame

Model#	mm	W x L
DTF1824C	457 x 610	18" x 24"
DTF1830C	457 x 762	18" x 30"
DTF1836C	457 x 914	18" x 36"
DTF1842C	457 x 1067	18" x 42"
DTF1848C	457 x 1219	18" x 48"
DTF1860C	457 x 1524	18" x 60"
DTF1872C	457 x 1829	18" x 72"

21" Double Truss Frame

Model#	mm	W x L
DTF2124C	533 x 610	21" x 24"
DTF2130C	533 x 762	21" x 30"
DTF2136C	533 x 914	21" x 36"
DTF2142C	533 x 1067	21" x 42"
DTF2148C	533 x 1219	21" x 48"
DTF2160C	533 x 1524	21" x 60"
DTF2172C	533 x 1829	21" x 72"

24" Double Truss Frame

Model#	mm	W x L
DTF2424C	610 x 610	24" x 24"
DTF2430C	610 x 762	24" x 30"
DTF2436C	610 x 914	24" x 36"
DTF2442C	610 x 1067	24" x 42"
DTF2448C	610 x 1219	24" x 48"
DTF2460C	610 x 1524	24" x 60"
DTF2472C	610 x 1829	24" x 72"

30" Double Truss Frame

Model#	mm	W x L
DTF3036C	762 x 914	30" x 36"
DTF3048C	762 x 1219	30" x 48"
DTF3060C	762 x 1524	30" x 60"
DTF3072C	762 x 1829	30" x 72"

36" Double Truss Frame

Model#	mm	W x L
DTF3636C	914 x 914	36" x 36"
DTF3648C	914 x 1219	36" x 48"
DTF3660C	914 x 1524	36" x 60"
DTF3672C	914 x 1829	36" x 72"



We are an authorized dealer of all Eagle® Products. Contact NCI for more information.



Shelving Accessories

3-Sided Frames

These frames improve support and stability for your shelving units. Available in double truss and channel frame configurations (see last page). Listed here in Chrome (C), other finishes available: Eaglegard® Epoxy (E) and

Stainless Steel (S). Contact NCI for more information.



3 Sided Channel Frame

Chrome Channel Frames

18" Channel Frame

Model#	mm	W x L
CF1824C	457 x 610	18" x 24"
CF1830C	457 x 762	18" x 30"
CF1836C	457 x 914	18" x 36"
CF1842C	457 x 1067	18" x 42"
CF1848C	457 x 1219	18" x 48"
CF1860C	457 x 1524	18" x 60"
CF1872C	457 x 1829	18" x 72"

21" Channel Frame

Model#	mm	W x L
CF2124C	533 x 610	21" x 24"
CF2130C	533 x 762	21" x 30"
CF2136C	533 x 914	21" x 36"
CF2142C	533 x 1067	21" x 42"
CF2148C	533 x 1219	21" x 48"
CF2160C	533 x 1524	21" x 60"
CF2172C	533 x 1829	21" x 72"

24" Channel Frame

Model#	mm	W x L
CF2424C	610 x 610	24" x 24"
CF2430C	610 x 762	24" x 30"
CF2436C	610 x 914	24" x 36"
CF2442C	610 x 1067	24" x 42"
CF2448C	610 x 1219	24" x 48"
CF2460C	610 x 1524	24" x 60"
CF2472C	610 x 1829	24" x 72"

30" Channel Frame

Model#	mm	W x L
CF3036C	762 x 914	30" x 36"
CF3048C	762 x 1219	30" x 48"
CF3060C	762 x 1524	30" x 60"
CF3072C	762 x 1829	30" x 72"

36" Channel Frame

Model#	mm	W x L
CF3636C	914 x 914	36" x 36"
CF3648C	914 x 1219	36" x 48"
CF3660C	914 x 1524	36" x 60"
CF3672C	914 x 1829	36" x 72"



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Shelving Accessories

Cart Covers

Helps keep equipment clean on shelf carts and shelf trucks. Lightweight and easy to handle. Top corners are reinforced. Comes with either Velcro closures or polyester zippers with nylon teeth. Choice of white coated, white uncoated, or 20 gauge transparent film. Black electrostatic discharge (ESD) cart covers also available.



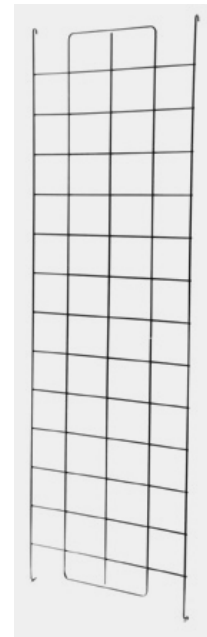
Shelf W x L in. mm	Post Height in. mm	Weight Lbs. kg	Cu. ft.	White Coated Nylon		White Uncoated Poly.		Transparent
				Zipper Model#	Velcro Model#	Zipper Model#	Velcro Model#	Zipper Model#
18" x 36" 457 x 914	54" 1372	3 1.4	1	CZC-54-1836	CVC-54-1836	CZ-54-1836	CV-54-1836	CZ-54-1836-T
18" x 36" 457 x 914	63" 1600	3 1.4	1	CZC-63-1836	CVC-63-1836	CZ-63-1836	CV-63-1836	CZ-63-1836-T
18" x 48" 457 x 1219	54" 1372	4 1.8	1	CZC-54-1848	CVC-54-1848	CZ-54-1848	CV-54-1848	CZ-54-1848-T
18" x 48" 457 x 1219	63" 1600	4 1.8	1	CZC-63-1848	CVC-63-1848	CZ-63-1848	CV-63-1848	CZ-63-1848-T
18" x 60" 457 x 1524	54" 1372	5 2.3	1	CZC-54-1860	CVC-54-1860	CZ-54-1860	CV-54-1860	n/a
18" x 60" 457 x 1524	63" 1600	5 2.3	1	CZC-63-1860	CVC-63-1860	CZ-63-1860	CV-63-1860	n/a
21" x 48" 533 x 1219	54" 1372	4 1.8	1	CZC-54-2148	CVC-54-2148	CZ-54-2148	CV-54-2148	n/a
21" x 48" 533 x 1219	63" 1600	4 1.8	1	CZC-63-2148	CVC-63-2148	CZ-63-2148	CV-63-2148	n/a
21" x 48" 533 x 1219	74" 1880	4 1.8	1	CZC-74-2148	CVC-74-2148	CZ-74-2148	CV-74-2148	n/a
21" x 60" 533 x 1524	54" 1372	5 2.3	1	CZC-54-2160	CVC-54-2160	CZ-54-2160	CV-54-2160	n/a
21" x 60" 533 x 1524	63" 1600	5 2.3	1	CZC-63-2160	CVC-63-2160	CZ-63-2160	CV-63-2160	n/a
21" x 60" 533 x 1524	74" 1880	5 2.3	1	CZC-74-2160	CVC-74-2160	CZ-74-2160	CV-74-2160	n/a
24" x 24" 610 x 610	54" 1372	3 1.4	1	n/a	n/a	n/a	n/a	CZ-54-2424-T
24" x 24" 610 x 610	63" 1600	3 1.4	1	n/a	n/a	n/a	n/a	CZ-63-2424-T
24" x 36" 610 x 914	54" 1372	3 1.4	1	CZC-54-2436	CVC-54-2436	CZ-54-2436	CV-54-2436	CZ-54-2436-T
24" x 36" 610 x 914	63" 1600	3 1.4	1	CZC-63-2436	CVC-63-2436	CZ-63-2436	CV-63-2436	CZ-63-2436-T
24" x 36" 610 x 914	74" 1880	3 1.4	1	CZC-74-2436	CVC-74-2436	CZ-74-2436	CV-74-2436	n/a
24" x 36" 610 x 914	86" 2184	3 1.4	1	CZC-86-2436	CVC-86-2436	CZ-86-2436	CV-86-2436	n/a
24" x 48" 610 x 1219	54" 1372	4 1.8	1	CZC-54-2448	CVC-54-2448	CZ-54-2448	CV-54-2448	CZ-54-2448-T
24" x 48" 610 x 1219	63" 1600	4 1.8	1	CZC-63-2448	CVC-63-2448	CZ-63-2448	CV-63-2448	CZ-63-2448-T
24" x 48" 610 x 1219	74" 1880	4 1.8	1	CZC-74-2448	CVC-74-2448	CZ-74-2448	CV-74-2448	n/a
24" x 48" 610 x 1219	86" 2184	4 1.8	1	CZC-86-2448	CVC-86-2448	CZ-86-2448	CV-86-2448	n/a
24" x 60" 610 x 1524	54" 1372	5 2.3	1	CZC-54-2460	CVC-54-2460	CZ-54-2460	CV-54-2460	CZ-54-2460-T
24" x 60" 610 x 1524	63" 1600	5 2.3	1	CZC-63-2460	CVC-63-2460	CZ-63-2460	CV-63-2460	CZ-63-2460-T
24" x 60" 610 x 1524	74" 1880	5 2.3	1	CZC-74-2460	CVC-74-2460	CZ-74-2460	CV-74-2460	n/a
24" x 60" 610 x 1524	86" 2184	5 2.3	1	CZC-86-2460	CVC-86-2460	CZ-86-2460	CV-86-2460	n/a
24" x 72" 610 x 1829	54" 1372	6 2.7	1	CZC-54-2472	CVC-54-2472	CZ-54-2472	CV-54-2472	n/a
24" x 72" 610 x 1829	63" 1600	6 2.7	1	CZC-63-2472	CVC-63-2472	CZ-63-2472	CV-63-2472	n/a
24" x 72" 610 x 1829	74" 1880	6 2.7	1	CZC-74-2472	CVC-74-2472	CZ-74-2472	CV-74-2472	n/a
24" x 72" 610 x 1829	86" 2184	6 2.7	1	CZC-86-2472	CVC-86-2472	CZ-86-2472	CV-86-2472	n/a



Shelving Accessories Enclosure Panels

Helps secure shelf contents, enclosing the backs and sides of unit. Available in chrome or stainless steel. Includes four retaining clamps.

Chrome Model#	Stainless Model#	Panel Width in.	Panel Width mm	Post Height in.	Post Height mm	Weight lb.	Weight kg	Shelf Width in.	Shelf Width mm
E1854-C	E1854-S	14"	356	54"	1372	6	2.7	18"	457
E1863-C	E1863-S	14"	356	63"	1600	7	3.2	18"	457
E1874-C	E1874-S	14"	356	74"	1880	8	3.6	18"	457
E1886-C	E1886-S	14"	356	86"	2184	9	9.4	18"	457
E2454-C	E2454-S	20"	233	54"	1372	9	4.1	24"	610
E2463-C	E2463-S	20"	233	63"	1600	10	4.5	24"	610
E2474-C	E2474-S	20"	233	74"	1880	11	5.0	24"	610
E2486-C	E2486-S	20"	233	86"	2184	12	5.4	24"	610



Back Panels - Consult these tables for panel requirements:

Shelf Width in.	Shelf Width mm	54" (1372mm) post ht. panel(s) required	63" (1600mm) post ht. panel(s) required	74" (1880mm) post ht. panel(s) required	86" (2184mm) post ht. panel(s) required
30"	762	(1)E2454	(1)E2463	(1)E2474	(1)E2486
36"	914	(2)E1854	(2)E1863	(2)E1874	(2)E1886
42"	1067	(1)E1854 (1)E2454	(1)E1863 (1)E2463	(1)E1874 (1)E2474	(1)E1886 (1)E2486
48"	1092	(2)E2454	(2)E2463	(2)E2474	(2)E2486
54"	1372	(2)E1854 (1)E2454	(2)E1863 (1)E2463	(2)E1874 (1)E2474	(2)E1886 (1)E2486
60"	1524	(2)E2454 (1)E1854	(2)E2463 (1)E1863	(2)E2474 (1)E1874	(2)E2486 (1)E1886
72"	1829	(3)E2454	(3)E2463	(3)E2474	(3)E2486

End Panels

Shelf Width in.	Shelf Width mm	54" (1372mm) post ht. panel(s) required	63" (1600mm) post ht. panel(s) required	74" (1880mm) post ht. panel(s) required	86" (2184mm) post ht. panel(s) required
18"	457	(1)E1854	(1)E1863	(1)E1874	(1)E1886
21"	533	(1)E1854	(1)E1863	(1)E1874	(1)E1886
24"	610	(1)E2454	(1)E2463	(1)E2474	(1)E2486
30"	762	(1)E2454	(1)E2463	(1)E2474	(1)E2486
36"	914	(2)E1854	(2)E1863	(2)E1874	(1)E1886

Storage

NCI offers a wide selection storage products for both cleanroom and non-cleanroom applications. HEPA filtered storage cabinets along with standard, flammable and acid cabinets are available. These cleanroom cabinets are constructed of stainless steel, painted steel or plastic. A large variety of cleanroom security carts, plastic totes and bins, wire shelving pallet racks and dispensers are offered.

Many of the products listed in this section can be used to achieve compliance of USP 797.



Bins

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Casters

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Totes

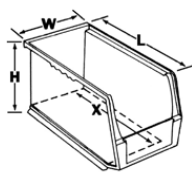
(See our Static Control Section)	M
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Bin Storage

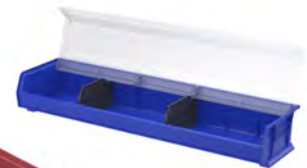
AkroBins®

Features

- Control inventories, shorten assembly times and minimize parts handling
- Heavy-duty bins securely stack atop each other, sit on shelving and hang from Akro-Mils racks, panels, rails and carts.
- Molded of high-impact polypropylene, AkroBins are unaffected by weak acids and alkalis.
- Products made of polypropylene block copolymer are autoclavable up to 250° F
- Sturdy, one-piece construction is water-, rust-, and corrosion-proof
- Guaranteed not to crack or break under normal load conditions, one year limited warranty
- Available in 14 sizes and 7 colors, Red, Yellow, Blue, Stone, Green, Semi-Clear and Black



Available with
"See-through" Crystal Styrene Lids
&
Width or Lengthwise Dividers



Model No.	Outside Dimensions inches			Outside Dimensions mm			Inside Dimensions inches				Inside Dimensions mm				Bin Load Capacity	Bin Ctn. Qty	Dividers	Bin Lids	Lid Pkg.#
	L	W	H	L	W	H	L	W	H	X	L	W	H	X					
30210	5%	4%	3	137	105	76	4 3/4	3-7/16	2-13/16	4	120	87	71	102	10 lbs.	24	40210(1)	30211	24
30220	7%	4%	3	187	105	76	6%	3-7/16	2-13/16	6	171	87	71	152	10 lbs.	24	40220(1)	30221	24
30224	10%	4%	4	276	105	102	10%	3-3/16	3%	9	260	87	95	229	30 lbs.	12	40224 (1)	30225	-
30230	10%	5 1/2	5	276	140	127	10%	4%	4%	9	260	111	121	229	30 lbs.	12	40230(1) & 41230 (3)	30231	12
30234	14%	5 1/2	5	375	140	127	14-1/16	4%	4%	12-13/16	357	111	121	325	50 lbs.	12	40234 (1)	-	-
30239	10%	8 1/4	7	273	210	178	10	6-9/16	6%	8	254	167	171	203	50 lbs.	6	40239(1)	-	-
30240	14%	8 1/4	7	375	210	178	14	6-9/16	6%	12	356	167	171	305	60 lbs.	12	40245(1)	-	-
30265	18	8 1/4	9	457	210	229	17%	6%	8%	14 1/2	435	171	210	368	60 lbs.	6	40265(1)	-	-
30235	10%	11	5	276	279	127	10%	10	4%	9	260	254	121	229	50 lbs.	6	40230(3)	30236	6
30260	18	11	10	457	279	254	17	9 1/2	9%	14-3/16	432	241	248	360	60 lbs.	6	40260(3)	-	-
30255	10%	16 1/2	5	276	419	127	9%	15	4%	9	248	381	121	228	60 lbs.	6	40230(3)	-	-
30250	14%	16 1/2	7	375	419	178	14	14%	6%	12	356	375	171	305	75 lbs.	6	40245(3)	-	-
30270	18	16 1/2	11	457	419	279	17%	14%	10%	14	435	375	260	355	100 lbs.*	3	40270(3)	-	-
30320	8%	33	5	219	838	127	7	31%	4-3/16	6	178	800	106	152	80 lbs.	4	40321 & 40220(7)	30321	4

One color per carton: Specify Red, Blue, Yellow, Stone, Semi-Clear, Green or Black. Order in carton quantities. *Note 30270 not designed for use with hanging systems. CAUTION: When using bins with hanging systems, do not exceed the weight capacity for the rack, which may be less than the total sum of bin capacities. ** () = Max. # of dividers per bin. ***Assembly required - hinge pins included.

Storage

1800 Series AkroBins®

- Strong, durable copolymer polypropylene construction
- Storage Systems for large, heavy and bulky items
- One black cross-wise divider included per bin
- Color: Beige



ESD Containers

- **Akro-Mils ESD** containers dissipate electrostatic charges which can severely damage sensitive electronic components



ESD
Container



ESD Grounding
Wire 98100

Economy Bins

- Versatile Economy Bins make full use of shelf depth on 12" or 18" deep shelving and stack to full space between shelves
- The only small parts bin that can nest and stack
- Molded from copolymer polypropylene
- Generous opening allows easy access to stacked items

1800 Series Model No.	Outside Dimensions						Inside Dimensions								Bin Ctn. Qty	Dividers	Pkg. Qty	Capacity
	L	W	H	L	W	H	L	W	H	X	L	W	H	X				
303488BEIGE	20½	8¼	7	521	210	178	20	7¾	6½	20	508	187	165	508	6	40348(3)	6	60 lbs.
30358BEIGE	20½	11	7	521	279	178	20	10¾	6½	20	508	257	165	508	6	40358(3)	6	75 lbs.

ESDs Model No.	Outside Dimensions						Inside Dimensions								Cap. On Rack	Ctn. Qty
	L	W	H	L	W	H	L	W	H	X	L	W	H	X		
30210ESD	5¾	4¾	3	137	105	76	4¾	3-7/16	2-13/16	4	120	87	71	102	10 lbs.	24
30220ESD	7¾	4¾	3	187	105	76	6¾	3-7/16	2-13/16	6	171	87	71	152	10 lbs.	24
30230ESD	10¾	5½	5	276	140	127	10¾	4¾	4¾	9	260	111	121	229	30 lbs.	12
30235ESD	10¾	11	5	276	279	127	10¾	10	4¾	9	260	254	121	229	50 lbs.	6
30240ESD	14¾	8¾	7	375	210	178	14	6-9/16	6¾	12	356	167	171	305	60 lbs.	12

Economy Model No.	Outside Dimensions						Inside Dimensions						Ctn. Qty
	L	W	H	L	W	H	L	W	H	L	W	H	
30796BLACK	8¾	6¾	5	225	168	127	6-3/25	4	4-9/10	155	102	124	10
30716BLACK	11¾	6¾	5	302	168	127	9-3/25	4	4-9/10	235	102	124	10
30776BLACK	17¾	6¾	7	454	168	178	14-8/9	3-4/5	6-9/10	373	97	175	10
30718BLACK	11¾	8¾	5	302	213	127	9	5¾	4-9/10	229	146	124	8
30778BLACK	17¾	8¾	7	454	213	178	14-4/5	5½	6-9/10	376	140	175	8



Bin Storage

AkroBins® System Bins™

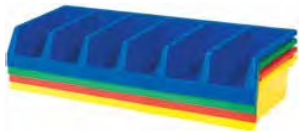
Features

Configured six across in a single unit,

- 33" wide x 5" high
- Available in 12" or 18" depths to fit standard shelving
- Separate and sort parts to increase efficiency, shorten assembly times and maintain accurate inventories
- A cost-efficient alternative to flimsy, individual cardboard boxes
- Can be safely stacked using a 3/8" wood dowel rod
- Available colors: Blue, Red, Yellow and Green



System Bins



Model No.	Description	Outside Dimensions Inches			Bin Compartment Dimensions** Inches			
		L	W	H	L	W	H	Ctn. Qty.
30312	12" System Bins	12	33	5	10 2/5	3 13/20	4 47/50	5
30318	18" System Bins	18	33	5	16 2/5	3 13/20	4 93/100	5
40312*	System Bin Divider (Black Only)	1/4	4 5/8	4 7/8	-	-	-	6 pk.

One color per carton: Specify Red, Blue, Yellow, or Green. Order in carton quantities.
*One divider per compartment, six per unit. ** Inside dimension per compartment.

Shelving Systems



Model No.	Description	Dimensions Inches			Bin Qty.
		L	W	H	
APRBENCH	Bench Pick Rack	36 3/4	12	25	▣
AS12799312	12" Shelving Unit	36	12	79	10*
AS1879318	18" Shelving Unit	36	18	79	10**

▣Order bins separately. Specify bin color when ordering. *Qty. of 30312 System Bins Included. **Qty. of 30318 System Bins included.

Cart Systems



Model No.	Description	Dimensions Inches			Bin Qty.
		L	W	H	
RSSYT5HR2436	Multi-Shelf Cart (5 shelves)	36	24 1/2	40	10*
RSSYT8MR2436	Multi-Shelf Cart (5 shelves)	36	24 1/2	43	10*
RSSYT5HR3636	Multi-Shelf Cart (5 shelves)	36	36 1/2	40	10**
RSSYT8MR3636	Multi-Shelf Cart (5 shelves)	36	36 1/2	43	10**

Specify bin color when ordering. *Qty of 30312 System Bins included.
**Qty of 30318 System Bins included.

Bin Storage

AkroBins® Shelf Bins

Features

- Shelf Bins outlast corrugated bins – paying for themselves in reduced replacement costs
- Superior construction allows Shelf Bins to be fully loaded without spreading or cracking
- Durable polypropylene bins provide an attractive, neat appearance
- Works with 12", 18" and 24" deep shelving or vertical storage and retrieval units
- One-piece construction is waterproof and unaffected by grease or oil
- Available in 13 sizes and 5 colors: Red, Yellow, Blue, Green and White



Shelf Bins and Accessories

Item	Model No.	Outside Dimensions inches			Inside Dimensions inches			Ctn Qty.	Cups per Bin		Optional Dividers	Divider Pkg. Qty.
		L	W	H	L	W	H		Small 30101	Large 30102		
12" Shelf Bins	30110	11 5/8	2 3/4	4	10 1/4	1 5/8	4	24	3	-	-	-
	30120	11 5/8	4 1/8	4	10 1/4	3	4	24	5	2	40120	24
	30130	11 5/8	6 5/8	4	10 1/4	5 1/2	4	12	9	4	40130	24
	30150	11 5/8	8 3/8	4	10 1/4	7 1/8	4	12	11	4	40150	24
	30170	11 5/8	11 1/8	4	10 1/4	10	4	12	15	6	40170	24
18" Shelf Bins	30128	17 7/8	4 1/8	4	16 1/2	3	4	12	8	3	40120	24
	30138	17 7/8	6 5/8	4	16 1/2	5 1/2	4	12	15	6	40130	24
	30158	17 7/8	8 3/8	4	16 1/2	7 1/8	4	12	15	6	40150	24
	30178	17 7/8	11 1/8	4	16 1/2	10	4	12	25	12	40170	24
24" Shelf Bins	30124	23 5/8	4 1/8	4	22 1/8	3	4	12	11	4	40120	24
	30164	23 5/8	6 5/8	4	22 1/8	5 1/2	4	6	21	8	40130	24
	30184	23 5/8	8 3/8	4	22 1/8	7 1/8	4	6	25	8	40150	24
	30174	23 5/8	11 1/8	4	22 1/8	10	4	6	35	16	40170	24
Bin Cups	30101	2	3 1/4	3	-	-	-	48	-	-	-	-
	30102	2 3/4	5	3	-	-	-	24	-	-	-	-
Extended Label Holders	40410	-	4	2 1/4	-	-	-	24				

Bin Storage

AkroBins® Stak-N-Store Bins

Features

- The perfect way to organize heavy, bulky items
- Bins stack to form tall, stable storage arrangements on floors or standard industrial shelving
- 75 lb. weight capacity
- Color: Gray, Red and Blue
- 13017 is also available in White



Stak-N-Store Bins



Model No.	Outside Dimensions Inches			Inside Dimensions inches			X	Capacity Cu. ft.	Ctn. Qty.
	L	W	H	L	W	H			
13014	17 ½	10 ⅞	12 ½	15 ⅝	8	12 ¼	13 ½	.98	4
13017	15 ¼	19 ⅞	12-7/16	13 ⅝	17 ½	12 ¼	11 ½	1.7	3
13018	17 ½	16 ½	12 ½	15 ⅝	13 ¾	12 ¼	13 ½	1.6	2

One color per carton. Specify Red, Blue or Gray. 13017 also available in White. Order in carton quantities

Steel Dolly



Model No.	Dimensions Inches			Ctn. Qty.	Capacity	Casters	Bin Compatibility
	L	W	H				
RU843HR1617	16 ⅝	15 ¾	4 ½	1	900 lbs.	3" Polyolefin	13018
RU843HR1519	19 ¼	14 ⅝	4 ½	1	900 lbs.	3" Polyolefin	13017

Eagle® Security Unit Optional Shelves



Optional Shelves for full sized security units, (see page 7) must be installed when assembling unit.

Eagle Security Units on page 7 have optional shelves, posts and Add-A-Shelf available.

Contact NCI for more information.

Chrome Model #	Stainless Model #	Width Inches	Length Inches	Weight Lbs.
1430C	1430S	14	30	7
1436C	1436S	14	36	8
1448C	1448S	14	48	10
1460C	1460S	14	60	16
2430C	2430S	24	30	11
2436C	2436S	24	36	13
2448C	2448S	24	48	16
2460C	2460S	24	60	21
3030C	3030S	30	30	16
3036C	3036S	30	36	17
3048C	3048S	30	48	20
3060C	3060S	30	60	25

Security Units

Eagle® Full Size Security Units

Eagle® Security Units are available in chrome and stainless steel finish with open wire construction and patented Quad-Truss® design selves. Full-access double door with quick-action locking feature with hasps for padlock. Offered in full size are the following:

- **Stationary Security Units**
- **Mobile Security Units - includes four poly stem swivel casters 5" x 1 1/4", two brakes**
- **Security Units with Dolly Truck - includes truck dolly**

with wraparound bumper, and four 5" x 1 1/4" poly stem swivel casters, two with brakes

- **Eagle Stationary Mini Security Unit (see below)**
- **Shipped knocked-down**



Full Size Security Units

Chrome Model #	Stainless Model #	Width Inches	Length Inches	Height Inches	Weight Lbs.
SC1430	SC1430S	17 1/4	33 1/4	67	114
SC1436	SC1436S	17 1/4	39 1/4	67	123
AC1448	AC1448S	17 1/4	51 1/4	67	141
AS1460	AS1460S	17 1/4	63 1/4	67	159
SC2430	SC2430S	27 1/4	33 1/4	67	123
SC2436	SC2436S	27 1/4	39 1/4	67	145
SC2448	SC2448S	27 1/4	51 1/4	67	171
SC2460	SC2460S	27 1/4	63 1/4	67	197
SC3030	SC3030S	33 1/4	33 1/4	67	145
SC3036	SC3036S	33 1/4	39 1/4	67	163
SC3048	SC3048S	33 1/4	51 1/4	67	181
SC3060	SC3060S	33 1/4	63 1/4	67	207

Mobile Units

Chrome Model #	Stainless Model #	Width Inches	Length Inches	Height Inches	Weight Lbs.
CSC2430	CSC2430S	27 1/4	33 1/4	69	135
CSC2436	CSC2436S	27 1/4	39 1/4	69	161
CSC2448	CSC2448S	27 1/4	51 1/4	69	185
CSC2460	CSC2460S	27 1/4	63 1/4	69	204
CSC3030	CSC3030S	33 1/4	33 1/4	69	161
CSC3036	CSC3036S	33 1/4	39 1/4	69	179
CSC3048	CSC3048S	33 1/4	51 1/4	69	203
CSC3060	CSC3060S	33 1/4	63 1/4	69	221

Dolly Truck Units

Chrome Model #	Stainless Model #	Width Inches	Length Inches	Height Inches	Weight Lbs.
DTSC2430	DTSC2430E	29 3/4	34 7/8	69	161
DTSC2436	DTSC2436E	29 3/4	40 7/8	69	177
DTSC2448	DTSC2448E	29 3/4	52 7/8	69	214
DTSC2460	DTSC2460E	29 3/4	64 7/8	69	251

Finishes available pertain to shelves and posts. On Dolly Units, dolly is aluminum. Dolly Units overall dimensions include Dolly Truck.

Eagle® Mini Security Units

Eagle Mini Security Units are available in chrome finish with open wire construction and patented Quad-Truss® design shelves. Full-access double door with quick action locking feature with hasps for padlock. Comes in 40" overall height.

Chrome Model #	Width Inches	Length Inches	Height Inches	Weight Lbs.
MSC1436	16	38	40	88
MSC1448	16	50	40	104
MSC2436	26	38	40	100
MSC2448	26	50	40	114



See page I-6 for Optional Shelves for Full Size Security Units

Laboratory Cabinets

Laboratory Cabinets

Multi-Lab® laboratory cabinets by Keur Industries, Inc. are modular in construction allowing the user to adapt as laboratory requirements change. With the use of simple hand tools, the user can quickly and easily change the drawer and door configurations to provide the best arrangement for the current function of the lab.

Features:

- Prime grade furniture steel
- Heavy-duty, 16 gauge front frame construction, interlocked and welded
- Powder-coat finish, corrosion-resistant
- “Double pan” doors and drawer-heads, with sound deadening insulation
- Standard aluminum pulls or optional flush PVC pulls
- 3/4” extension, nylon ball-bearing drawer slides
- Full depth adjustable shelves
- Removable backs for plenty of access
- Removable bottoms for cleaning and access
- Stainless steel, 5-knuckle institutional-type hinges - 13 gauge
- One piece, integral toe kick for easy cleaning, structural strength and to help prevent chemical attack in hidden areas



Lab Bench Systems

Keur Laboratory Bench Systems are self-supported, modular benches designed to incorporate either suspended casework or traditional floor-mounted casework. Any lab counter top can be used with these systems. Many built-in accessories are available. All systems are custom-designed around the customer's specific needs.

Applications:

- Chemical, biological, forensics, pharmaceutical, and food industry labs
- Electronics industry, institutional, hospital, industrial and educational labs

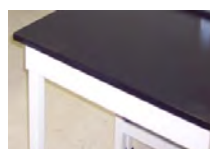


Contact NCI for more information. Let us help you plan cabinets to meet your requirements.

Lab Counter Tops

Lab Counter Tops by Keur Industries are available in

- **Epoxy Resin** - modified cast epoxy in “lab black” or other special-order colors, 3/4” and 1” thick
- **TopLab® Phenolic** core countertop made of high pressure, monolithic laminate designed specifically for laboratory work surfaces, 3/4” and 1” thick
- **Lab-Grade Plastic Laminate** are chemical resistant plastic laminate counter top comprised of a plastic sheet, bonded with water-resistant adhesive to a 1 1/8” core particle board. All exposed edges are bonded with the same material as the top - 1/4” thick.
- **Custom Stainless Steel** countertops are fabricated of 16-gauge stainless type 302, 304, or 316 with a #4 finish. Fully-customized tops are available.



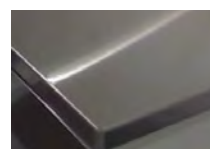
Epoxy Resin
Counter Tops



Lab-Grade
Plastic Laminate



TopLab® Phenolic



Custom Stainless

Dispensers

Get clutter off counters and floors! Our dispensers keep work areas clean and allow disposable cleanroom supplies to be in one location – no more endless searching. Cleanroom dispensers are made of acrylic or PETG plastic. For harsh environments or ESD applications, stainless steel dispensers are available. We have dispensers for cleanroom wipes, gloves, and other garments: bouffants, shoe covers, earplugs and safety glasses. Cleanroom dispensers can be made in custom sizes to meet your equipment needs. You too can have a place for everything with NCI' cleanroom dispensers.

Many of the products listed in this section can be used to achieve compliance of USP 797.



Ear Plug Dispensers

Ear Plug Catch Tray	J-2
Ear Plug Holder	J-2
Three Compartment Dispenser	J-2

Eyeglass Dispensers

Large Eyeglass Dispenser	J-3
12 and 20 Unit Eyeglass Holder	J-3

Glove Dispensers

Bulk Glove Dispensers	J-6
Finger Cot Dispenser	J-6
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Plastic Dispensers

Ear Plug Dispensers

The AK Ear Plug Dispensers put ear plugs in plain view so they will be used. Dispenses disposable and reusable ear plugs. Slanted interior allows plugs to drop into opening, allowing one-at-a-time accessibility. Hinged lid keeps dust out and lifts quickly for easy restocking. Or may be used free standing on table or bench. Made of 1/8" clear PETG.

AK-300 Holds 200 sets of plugs

AK-301 Holds 100 sets of plugs



Item#	Description	Size
AK-300	Large Earplug Dispenser	11 ³ / ₄ " W x 11" H x 7 ³ / ₄ " D
AK-301	Small Earplug Dispenser	6" W x 11" H x 7 ³ / ₄ " D

Three Compartment Dispenser

Dispenses a variety of products. Wall mount or free standing. Made of clear acrylic.

Item#	Description	Size
AK-303	Three Compartment Dispenser	18" W x 12" H x 10" D



Earplug Catch Tray

Dispenses disposable earplugs. Wall mount or free standing. Made of 1/8" high impact PETG.

Item#	Description	Size
AK-305	Earplug Catch Tray	10 ¹ / ₂ " W x 11" H x 10 ¹ / ₄ " D



Earplug Holders

Provides quick access to earplugs. Available with or without lid. Wall mount or free standing. Made of 1/8" high impact PETG.

Item#	Description	Size
AK-307	Earplug Holders	9" W x 3 ¹ / ₄ " H x 6 ³ / ₄ " D
AK-308	Earplug Holder with Dust Lid	9" W x 3 ¹ / ₂ " H x 6 ³ / ₄ " D



Eyewear Dispensers

Eyeglass Dispensers

Safety Glass Dispenser AK-229-11 has a flip up access door to hold glasses in while allowing for quick removal of eye protection when needed. Holds both loose or boxed glasses and goggles. Mounts easily on wall.

The **Safety Glass Holder AK-230** and the **Safety Glass Holder with Dust Lid AK-230-1** keep safety glasses and goggles clean and always handy. Provide quick and convenient access to eye protection. Wall mountable or free standing.

Large Eyewear Dispenser AK-232 has a slanted interior to allow goggles to drop into opening. Hinged lid keeps dust out and lifts easily for restocking. Wall mountable or free standing. All are made of 1/8" clear PETG.



AK-229-11



AK-230-1



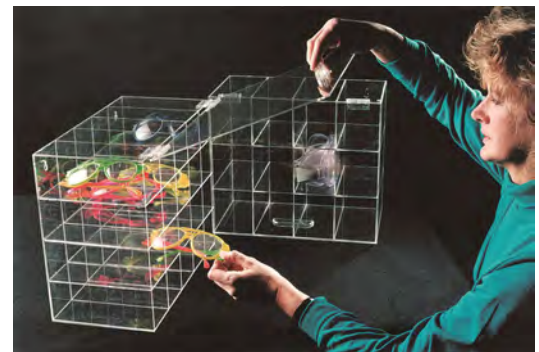
Large Eyewear Dispenser
AK-232

Item#	Description	Size
AK-229-11	Wall Mt. Safety Glass Dispenser	8" W x 15 3/4" H x 4" D
AK-230	Safety Glass Holder	9" W x 3 1/2" H x 6 3/4" D
AK-230-1	Safety Glass Holder w/Dust Lid	9" W x 3 1/4" H x 6 3/4" D
AK-232	Large Eyewear Dispenser	18" W x 12 1/2" H x 10 1/2" D

Safety Eyeglass/Goggle Holder

12 to 20 Unit Safety Eyeglass Holders Made of 1/8" PETG.

Item#	Description	Size
AK-237	12 Unit Safety Goggle Holder	14"W x 12" H x 8" D
AK-238	12 Unit Safety Goggle Holder w/ Hinged Lid	14"W x 12" H x 8" D
AK-235	20 Unit Safety Glass Holder	15" W x 12" H x 6 1/2" D
AK-236	20 Unit Safety Glass Holder	15" W x 12" H x 6 1/2" D



INNOTECH

Glove Dispensers

Once Size Fits All Glove Dispensers

Glove Dispensers make protection convenient while reducing waste and contamination. Each dispenser is wall mountable or can be used free standing, fit any décor. Great for any environment—medical, dental, industrial, high tech, food service, etc. Accommodates all manufacturer's sizes. Holds boxed, loose or packaged gloves for one at a time glove retrieval. Made from 1/8" PETG. Available in three colors:

- C-Clear**
- B-Black**
- W-White**



Item#	Description	Size
AK-777	Glove Dispenser (One size)	6 5/8" W x 11 1/8" H x 4 1/4" D

Polyethylene Boxed Glove Dispenser

Glove Dispenser for polyethylene boxed gloves. Great for safety, industrial, medical and food service. Made of 1/8" PETG.

Item#	Description	Size
AK-750	Polyethylene Boxed Gloves	7 3/4" W x 8 1/4" H x 1 1/2" D



Two and Three Compartment Glove Dispensers

One size fits all, two and three compartment Glove Dispensers. Holds boxed, loose, and packaged gloves. Separate sizes i.e. small, medium and large. Available in three colors of 1/8" PETG:

- C-Clear**
- B-Black**
- W-White**

Item#	Description	Size
AK-777-2	Two Compartment Dispenser	13" W x 11" H x 4 1/4" D
AK-777-3	Three Compartment Dispenser	19 5/8" W x 11" H x 4 1/4" D



Sterile Glove Dispenser

Dispenses one pair of packaged gloves at a time. Made of 1/4" acrylic. Available in two colors: **C-Clear, A-Amber**

Item#	Description	Size
AK-792	Sterile Glove Dispenser	7 5/8" W x 16 1/4" H x 12" D





Hand Specific and Ambi Glove Dispenser

The Hand Specific Divider AK-794 separates right from left, Keeps gloves clean, accessible and ready to use. Radius on opening protects employees and gloves from plastic cuts or tears.

The bulk glove bin can be used in multiples to keep gloves separate by size. Keeps gloves off counters and floors and in one convenient accessible area.

Both made of 1/4" acrylic. **Available in A-Amber or C-Clear.**



Item#	Description	Size
AK-794	Hand Specific Divider Dispenser	12" W x 7 ³ / ₄ " H x 15" D
AK-794-1	Bulk Glove Dispenser	12" W x 7 ³ / ₄ " H x 15" D

Hand Specific Glove Dispenser

Hold bulk gloves in one clean convenient location. Separate left from right, or by size. Free Standing. One quarter inch clear acrylic.

Item#	Description	Size
AK-1401	Hand Specific Glove Dispenser	17" W x 7" H x 13" D



Three Compartment Glove Dispenser

Excellent for space utilization. Separate your gloves by size. Hinged lid makes it easy to fill and maintain. Free standing. Mushroom opening at base allows one at a time retrieval. Made of 1/4" Acrylic. **Available in A-Amber or C-Clear.**

Item#	Description	Size
AK-793	3 Compartment Glove Dispenser	24 ¹ / ₂ " W x 4 ¹ / ₂ " H x 14 ³ / ₄ "D



Glove Liner Dispenser

Easy loading and retrieval of glove liners and other disposable products. Keeps work area organized and liners handy. Available in two sizes. Mounts to wall or may be used free standing. Made of 3/16" clear acrylic.

Item#	Description	Size
AK-787	Glove Liner Dispenser	11" W x 7" H x 11" D
AK-788	Glove Liner Dispenser	9" W x 8" H x 12" D



Glove Dispensers

Wrap-Around Glove Dispenser

This wrap-around glove dispenser is for standard box sizes. Economical dispenser for boxed gloves, available in a variety of colors in 1/8" PETG.

Available in three colors:

C-Clear

B-Black

W-White

Item#	Description	Size
AK-780	Wrap-Around Glove Dispenser	5½" W x 10" H x 4" D



Glove Dispenser

Holds boxed gloves. Option of vertical or horizontal wall mount or free standing. Made of 1/8" clear high impact PETG.

Item#	Description	Size
AK-784-1	Single Box Glove Holder	11¼"W x 5½" H x 4¼" D
AK-784-2	Double Box Glove Holder	11¼"W x 11" H x 4¼" D
AK-784-3	Triple Glove Box Holder	11¼"W x 16½" H x 4¼" D



Bulk Glove Dispensers

Bulk Glove Dispensers in two sizes. Hinged lid allows easy access.

Specify Color: **C-Clear** or **W-White high impact PETG**

Item#	Description	Size
AK-785	Single Opening Glove Dispenser	5" W x 7" H x 4¼" D
AK-786	Double Opening Glove Dispenser	13" W x 7¼" H x 4½" D



Finger Cot Dispenser

Easy loading with top access. Wall mount or free standing.

Specify color: **C-Clear**, **W-White PETG**

Item#	Description	Size
AK-901	Finger Cot Dispenser	6" W x 11¼" H x 9" D



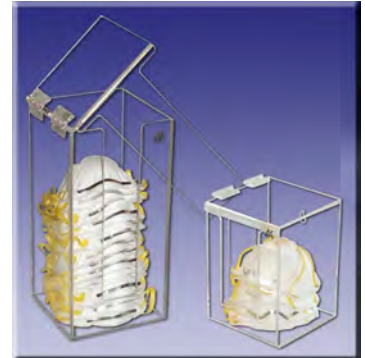


Apparel Dispensers

Face Mask Dispenser

These Face/Respiratory Mask Dispensers hold masks without needing a box. Simply mount unit and have masks available at all times. The lid eliminates dust particles and allows easy access to the mask. Made of 1/8" PETG.

Item#	Description	Size
AK-261	Face Mask Dispenser	6 1/4" W x 8 1/4" H x 6 1/8" D
AK-261-2	Large Mask Dispenser	6 1/4" W x 12 1/4" H x 6 1/8" D



Face Mask Dispenser

Conveniently store your face masks in one location. Hinged dust lid allows for easy loading and retrieval. Made from 1/8" PETG. Mount to wall or use free standing.

Item#	Description	Size
AK-264	Face Mask Dispenser	9" W x 5" H x 4" D



Face Mask/Veil Dispenser

Opening at base allows for one at a time retrieval. Made of 3/16" PETG. Available in two sizes.

Item#	Description	Size
AK-266	Face Mask/Veil Dispenser	9" W x 8" H x 5 1/4" D
AK-267	Face Mask/Veil Dispenser	12" W x 8" H x 5 1/4" D



Frock Dispenser

Holds all apparel in one location. Openings feature a radius edge for a smooth surface. Wall mount or free standing. Single compartment or dual compartment available. Made of 1/4" clear acrylic and 1/4" white ABS.

Item#	Description	Size
AK-1484	Single Compartment Frock Dispenser	11" W x 30" H x 15 1/2" D
AK-1485	Dual Compartment Frock Dispenser	22" W x 30" H x 15 1/2" D



Apparel Dispensers

Accessory Bin

Hinged lid provides easy access.

Specify Color:

C-Clear PETG ($\frac{3}{16}$ ")

A-Amber Acrylic ($\frac{1}{4}$ ")

Item#	Description	Size
AK-790	Accessory Bin	12½" W x 17" H x 6" D



Bouffant / Bootie / Glove Dispenser

This versatile dispenser lets you remove bouffants, booties, gloves, etc. easily. Top loading lid with 4" round center opening for removal. The dispenser mounts on wall or may be used free standing on the counter. $\frac{1}{8}$ " PETG. Available in two sizes.

Item#	Description	Size
AK-262	Bouffant /Glove Dispenser	10" W x 10" H x 10" D
AK-263	Bouffant/Glove Dispenser	12" W x 12" H x 12" D



Bouffant / Beard / Hairnet Dispensers

Convenient sizes, keeps hair protection products in one area. Made of clear $\frac{1}{8}$ " high impact PETG.

Item#	Description	Size
AK-268	Beard Restraint Dispenser	8" W x 10½" H x 3½" D
AK-269	Hair Net Dispenser	4¾" W x 7" H x 4½" D
AL-270	Bouffant Dispenser	11⅞" W x 12⅜" H x 5½" D



Container Bin

Versatile dispenser with top loading hinged lid. Wall mount or free standing. Made of clear $\frac{3}{16}$ " high impact PETG.

Item#	Description	Size
AD-260	Container Bin	12" W x 11" H x 12" D





Bouffant Cap, Beard Cover, Glove Dispenser, 2 or 3 Compartment

All purpose 2 and 3 compartment dispensers are large capacity, ideal for bouffants, gloves, shoe covers, beard covers, hoods, etc. Keep an assortment of different disposables in one location with just one dispenser. Dust lid with openings at base. Wall mount or use free standing. Made of $\frac{3}{16}$ " PETG.



Item#	Description	Size
AK-1478-2	Two Compartment Dispenser	19 $\frac{5}{8}$ " W x 18" H x 11 $\frac{5}{8}$ " D
AK-1479-3	Three Compartment Dispenser	19 $\frac{5}{8}$ " W x 18" H x 11 $\frac{5}{8}$ " D

Dispense Anything Bin

Dispense Anything Bin dispenses any frequently used item. Mount to wall or use free standing on counter for fast, easy access for whatever you determine to place in the unit. Top lid for easy loading, slanted interior and flip-up access door to allow quick fingertip removal. Suggested for industrial, medical, clinical, laboratory, electronics, pharmaceuticals and small parts assembly. Made of $\frac{1}{8}$ " PETG.
Specify Color: **C-Clear or W-White**



Item#	Description	Size
AK-240	Dispense Anything Bin	6" W x 11 $\frac{1}{4}$ " H x 9"D

Multi-Use Dispenser

This four compartment dispenser is great for multifunctional uses. Use it to store a variety of items like wipe packets, small parts, earplugs, hair nets, finger cots or whatever best fits your needs. This unit features a hinged lid and doors for easy loading and removal. Mounts to wall or may be used free standing. Made of $\frac{1}{8}$ " PETG.



Item#	Description	Size
AK-244	Multi-Use Dispenser	17 $\frac{1}{4}$ " W x 12" H x 9 $\frac{1}{4}$ " D

Wipe Dispensers

Wipe Holders

These exceptionally designed counter top wipe holders with slanted interior and front cut out provide you with fingertip access to clean wipes at all times. Made of 1/8" PETG, specify color: C-Clear, or W-White.

AK-105 and AK-109 Hold 9" x 9" Wipes

AK-106 and AK-110 Hold 12" x 12" Wipes

Item#	Description	Size	Color
AK-105	Wipe Holder Countertop	10" W x 7 1/2" H x 10" D	Clear or White
AK-109	Wipe Holder Wall Mount	10" W x 7 1/2" H x 10" D	Clear or White
AK-109-L	Wipe Holder Wall Mt. w/Lid	10" W x 7 1/2" H x 10" D	Clear or White
AK-106	Wipe Holder Countertop	12 1/2" W x 7 1/2" H x 12 1/2" D	Clear or White
AK-110	Wipe Holder Wall Mount	12 1/2" W x 7 1/2" H x 12 1/2" D	White or Clear



Stainless Steel Wipe and Bottle Holder

This electropolished stainless steel wall mounted dispenser holds wipes and IPA bottles essential to cleanroom wipe-down procedures.

Item#	Description	Size
GD-0306	Wipe and Bottle Holder	16" L x 4 1/2" W x 12" H



Box Wipe Dispensers

These units feature a unique tabbed base that holds box in place which allows for horizontal or vertical wall mounting. When mounted, the wipe holder acts as a second hand thus allowing quick and easy one hand removal of tissues. Made of 1/8" PETG.

AK-100 Holds Small Boxed Wipes

AK-101 Holds Large Boxed Wipes

Item#	Description	Size
AK-100	Small Box Wipe Holder	5 1/4" W x 5" H x 3 1/4" D
AK-101	Large Box Wipe Holder	5 1/4" W x 12 3/4" H x 4" D



Wipe Stations

Put wipes and cleaner in convenient locations around facility with this wall mount or free standing unit. Resistant to IRA solution. Made of 1/8" high impact PETG.

AK-107 Holds 9" x 9" Wipes

AK-108 Holds 12" x 12" Wipes

Item#	Description	Size
AK-107	Wipe Station for 9" x 9"	14" W x 5 1/2" H x 10" D
AK-108	Wipe Station for 12" x 12"	17" W x 5 1/2" H x 13" D





Instrumentation

NCI offers a wide selection of cleanroom instrumentation to measure air velocity, particles, pressure, temperature, static and UV. We offer **Hot Wire Anemometers** or **Rotating Vane Anemometers** to accurately determine air velocity in cleanrooms, fume hoods or air ducts. **Air-borne Particle Counters** to measure cleanrooms or cleanbenches are available in several styles. **Magnehelic** and **Minihelic Pressure Gauges** for cleanrooms and other critical environment applications are supplied. Microbial, bioburden **Air Sampler**, **Ultra-Violet**, and **Static Meters** are also offered.



Air Sampling

AirPort MD8	K-6
MD8 Airscan	K-7

Air Velocity Meters

Hot Wire CFM Thermo-Anemometer	K-2
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Laser Air Particle Counters

GT-526 Handheld Particle Counter	K-2
GT-521 Hand Held Particle Counter	K-3
GT-321 Handheld Particle Counter	K-3
HHPC-2 Handheld Particle Counter	K-4
HHPC-6 Handheld Particle Counter	K-4
Met One 237A/237B Particle Counter	K-5

Pressure Gauges

Magnehelic Differential P. Gage	K-8
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Static Control Meters

(See our Static Control Section)	M
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Air Velocity Meters

HD Hot Wire CFM Thermo-Anemometer

This CFM Thermo-Anemometer instrument from EXTECH Instruments accurately measures Air Flow (CFM/CMM) or Air Velocity plus °F/C temperature.

Features:

- Air velocity measurements as low as 40ft/min
- Telescoping probe is ideal for use in ducts and ventilating systems; extends up to 3ft (940mm) long
- Measures air volume in CFM (ft³/min) and CMM (m³/min) plus temperature simultaneously
- Air Flow displayed in 2 modes as an instantaneous value or up to 20 point average
- Record/Recall MIN and MAX readings
- Super large 1.4 LCD display
- Data Hold plus Auto Power Off

- Built-in RS-232 PC interface with optional Data Acquisition software and cable
- Complete with telescoping probe with 5.5ft (167.6cm) cable, and four AA batteries

Options:

- Battery Operated Datalogger
 - Data Acquisition Software & Cable
- 3 year warranty



Item#	Description
407119	HD Thermo-Anemometer
407001	Data Acquisition Program and Cable
380340	Battery Operated Datalogger

Specifications	Range	Resolution	Accuracy
ft./min	40 to 3346 ft./min	1 ft./min	± (5% + 5 digits)
MPH	0.5 to 38.0 MPH	0.1 MPH	
knots	0.4 to 33.0 knots	0.1 knots	
m/s	0.2 to 17.0 m/s	0.1 m/s	
km/h	0.7 to 61.2 km/h	0.1 km/h	
Temperature	32 to 122° F 0 to 50° C	0.1° F 0.1° C	± 1.5° F ± 0.8° C
CMM (meter ³ /min)	Range 0 to 36,000 m ³ /min	Resolution 0.001 to 1 m ³ /min	Area 0.001 to 30.0 m ²
CFM (feet ³ /min)	0 to 1,271,200 ft ³ /min	0.01 to 100 ft ³ /min	0.001 to 322.91 ft ²

Laser Air Particle Counters

GT-526 Handheld Particle Counter

The GT-526 Handheld Particle Counter by Met One Instruments, Inc. is a full-featured, battery operated, portable laser particle counter that provides the functionality of a bench unit with the convenience of a handheld. It can datalog particle counts continuously or send them to a network. The measurement method is by scattered laser light.

Features:

- Bench Unit Performance in the palm of your hand
- Six particle channels displayed
- Menu-driven command set for out-of-the-box operation
- Flexible data interfaces
- Temperature and relative humidity option

Supplied Accessories

Operation Manual	Screwdriver
Serial Cable	Carrying Case
Comet Software	Zero Particulate Filter
AC to CD Converter Module with IEC AC Power Cord	
Iso-kinetic Sample Probe	

Item#	Description
GT-526	GT-526 Hand Held Particle Counter
G3120	Optional RH & Temperature Probe
9801	Optional flow Meter
G3115	Optional Portable Printer

Specifications

Particle Size Range	6 channels-from 0.3µm, 0.5 µm, 0.7µm, 1.0µm, 2.0 µm and 5.0 µm
Concentration Range	0-3,000,000 particles per cubic foot (105,900 particles/L)
Accuracy	± 10%, to calibration aerosol
Sensitivity	0.3 µm with 2 to 1 peak to valley (JIS), 2 to 1 S/N
Flow Rate	0.1 cfm (2.83 lpm)
Sample Time	Adjustable: 1 to 999 seconds
Hold Time	Adjustable: 0 to 999 seconds
Light Source	Laser diode, 35 mW, 780 nm
Power	6V Ni-MH self-contained battery pack - provides 17 hours of typical intermittent operation, up to 11 hours continuous use
AC Adapter/Charger	AC to DC module, 100-240 VAC to 9 VDC @ 350 mA typical RS-232 or RS-485
Certifications	Meets or exceeds CE, ISO, ASTM and JIS international certifications
Display	16 character x 4-line LCD
Keyboard	7 key membrane type
Size:	6.25" (15.9 cm) H x 4.0" (10.2 cm) L Thickness = 2.12" (5.4cm)
Weight	1.94 lb. - 31 oz. (0.88 kg)
Operating Temperature	0° to 50° C
Storage Temperature	-20° to +60° C



Laser Air Particle Counters

GT-521 Handheld Particle Counter

The **GT-521 Handheld Particle Counter** by **Met One Instruments, Inc.** offers bench unit performance in the palm of your hand. It is a full-featured, battery operated portable laser particle counter that provides the functionality of a bench unit with the convenience of a handheld unit.

Features:

- **Big performance, small size**
- **Dual programmable particle channels**
- **Simple and powerful menu-driven command set**
- **Flexible data Interfaces**
- **Temperature and relative humidity option**

Supplied Accessories:

- Operation Manual
- Custom Serial Cable
- Communication Software (GT-Comm)
- AC to CD Converter Module with IEC
- AC Power Cord
- Iso-kinetic Sample Probe
- Screwdriver
- Carrying Case
- Zero Particulate Filter

Item#	Description
GT-521	GT-521 Hand Held Particle Counter
G3120	Optional RH & Temperature Probe
9801	Optional flow Meter
G3115	Optional Portable Printer

GT-321 Handheld Particle Counter

The **GT-321 Handheld Particle Counter** by **Met One Instruments, Inc.** is a particle counter that counts particles down to 0.3 microns giving you portability and reliability at a low price.

Features:

- **Small size - big performance**
- **Completely self-contained, selectable particle sizes**
- **Fast sampling**
- **Simple Operation**
- **Battery or AC powered**
- **Off-the-shelf delivery**

Supplied Accessories:

- Operation Manual
- Custom Serial Cable
- Communication Software (GT-Comm)
- AC to CD Converter Module with IEC
- AC Power Cord
- Iso-kinetic Sample Probe
- Screwdriver
- Carrying Case
- Zero Particulate Filter

Item#	Description
GT-321	GT-321 Hand Held Particle Counter

Specifications

Particle Size Range	Two channels-from 0.3 to 5.0 microns (selectable in 0.1 µm increments)
Concentration Range	0-3,000,000 particles per cubic foot (105,900 particles/L)
Accuracy	± 10%, to calibration aerosol
Sensitivity	0.3 µm
Flow Rate	0.1 cfm (2.83 lpm)
Sample Time	Adjustable: 6 to 999 seconds
Hold Time	Adjustable: 1 to 999 seconds
Light Source	Laser diode, 35 mW, 780 nm
Power	6V Ni-MH self-contained battery pack - provides 8 hours of typical intermittent operation, up to 5 hours continuous use
AC Adapter/Charger	AC to DC module, 100-240 VAC to 9 VDC @ 350 mA typical RS-232 or RS-485 Half Duplex
Certifications	Meets or exceeds CE, ISO, ASTM and JIS international certifications
Display	16 character x 4-line LCD
Keyboard	7 key membrane type
Size:	6.25" (15.9 cm) H x 4.0" (10.2 cm) L Thickness = 2.1" (5.4cm)
Weight	1.94 lb - 31 oz. (0.88 kg)
Operating Temperature	0° to 50° C
Storage Temperature	-20° to +60° C



Specifications

Particle Size Range	>0.3, >0.5, >1.0, >2.0 and >5.0 µm (selectable)
Concentration Range	0-3,000,000 particles per cubic foot (105,900 particles/L)
Accuracy	± 10%, to calibration aerosol
Sensitivity	0.3 µm
Flow Rate	0.1 cfm (2.83 lpm)
Sample Time	1 minute total (first reading in 9 seconds, subsequently every 6 seconds)
Light Source	Laser diode, 30 mW, 780 nm
Power	6V Ni-MH self-contained battery pack - provides 8 hours of typical intermittent operation, up to 5 hours continuous use
AC Adapter/Charger	AC to DC module, 100-240 VAC to 9 VDC @ 350 mA typical RS-232
Certifications	Meets or exceeds CE, ISO, ASTM and JIS international certifications
Display	16-character LCD
Keyboard	2-button membrane
Size:	6.25" (15.9 cm) H x 3.65" (9.3 cm) L Thickness = 2.0" (5.1cm)
Weight	1.74 lb. - 28 oz. (0.79 kg)
Operating Temperature	0° to 50° C
Storage Temperature	-20° to +60° C



Laser Air Particle Counters

HHPC-2 Handheld Particle Counter

The **Met One HHPC-2 Portable, 2-Channel Handheld Airborne Particle Counter**, with download software and personal computer interface, affords the cost-conscious customer with an economical alternative while still getting an accurate and reliable instrument to count particles in air. The palm size Met One HHPC-2 is ideal for monitoring non-critical pharmaceutical and electronic manufacturing environments, as well as testing indoor air quality and industrial monitoring.

Features:

- **Battery or AC Operation**
- **0.3 micron sensitivity**
- **Counts 2 sizes simultaneously**
- **Stores 100 samples**
- **Internal rechargeable battery**
- **Lightweight**
- **Use with PortAll™ version 2 software**
- **Battery operating time 8 hours continuous**
- **Recharge time 2 hours**

Supplied Accessories:

Certificate of Calibration (NIST)
 Utility Software Pkg. (Cabling and RJ-45 to DB9 converter)
 High Purity Tubing
 1/8" Hose Barb Adapter
 Power supply, AC/DC 12 VDC, AC Power Cord
 Operator Manual

Item#	Description
HHPC-2	Handheld Particle Counter - 2 channel

Specifications

2 Size Channels	Std. 0.3 and 0.5 µm or 0.5 and 5.0 µm IAQ 0.3 to 1.0 µm Custom 0.3 to 10 µm or 0.5 to 15 µm or 1.0 to 20 µm
Flow Rate	0.1 CFM (2.83 LPM)
Light Source	Laser Diode; index guided (26,000 MTBF at 25°C)
Calibration	PSL particles in air (NIST)
Counting Efficiency	50% @ 0.3 µm ; 100% for particles > 0.45 µm (per JIS B9921: 1997)
Zero Count	1 count/5 minutes (per JIS B9921: 1997)
Coincidence Loss	5% at 2,000,000 particles/ft ³
Measuring Mode	Concentration: particles/liter; particles/ft ³
User Interface	3-button keypad
Data Storage	100 sample records
Data Recorded	Counts, calibration, error
Display	LCD, 4 x 16 character display
Alarms	Low battery, calibration error
Sample Inlet	Isokinetic probe
Interface	RS-232 via RJ-45
Vacuum Source	Internal pump, flow controlled
Dimensions	4.5"W x 8.25"H x 2.25"D inches 11.43W x 20.96H x 5.72D cm
Weight	2.2 lbs., 1.0 kg
Environmental	50° F to 104° F, 10° C to 40° C 20% to 90% relative humidity, non-condensing



HHPC-6 Handheld Particle Counter

The **Met One HHPC-6 Handheld Particle Counter by Hatch** simultaneously displays six channels of particle size distribution. The Met One HHPC-6 holds 500 samples (2,000 with Option EX) in data memory and records date, time, counts, sample volume, temperature and relative humidity. Battery provides 8 hours continuous use. Data is downloaded to a computer or printer using the included software.

Features:

- **Battery or AC operation**
- **0.3 micron at 0.1 CFM**
- **Stores 500 records (with option EX - 2000 records)**
- **75 programmable location labels**
- **Internal rechargeable battery**
- **Lightweight**
- **Built-in RH/Temp**
- **Easy download to computer or printer**
- **Use with PortAll™ version 2 software**
- **Network capable**

Supplied Accessories

Certificate of Calibration (NIST)
 Windows compatible software download utility
 DB9 to RS-232 adapter and cable
 Isokinetic Probe; High Purity Tubing
 1/8" Hose Barb Adapter
 Power supply
 Operator Manual

Item#	Description
HHPC-6	HHPC-6 Handheld Particle Counter

Specifications

6 Size Channels	Std. 0.3, 0.5, 0.7, 1.0, 2.0, 5.0 µm IAQ 0.5, 0.7, 1.0, 2.0, 5.0, 10.0 µm Custom 0.3 to 10 µm or 0.5 to 15 µm or 1.0 to 20 µm
Flow Rate	0.1 CFM (2.83 LPM)
Light Source	Laser Diode; index guided (26,000 MTBF at 25°C)
Calibration	PSL particles in air (NIST traceable)
Counting Efficiency	50% @ 0.3 µm ; 100% for particles > 0.45 µm (per JIS B9921: 1997)
Zero Count	1 count/5 minutes (per JIS B9921: 1997)
Coincidence Loss	5% at 2,000,000 particles/ft ³
Volume Options	1.0 L ³ 21 seconds 0.01 ft ³ 6 seconds 10.0 L ³ 3.53 minutes 1.0 ft ³ 10 minutes 2.83 L ³ 60 seconds 0.10 ft ³ 60 seconds 28.3 L ³ 10 minutes
Data Storage	500 sample records (rotating buffer)
Data Recorded	Date, time, counts, relative humidity, temperature, sample volumes, alarms, label
Display	Graphic liquid crystal with back light
Alarms	Counts, low battery, sensor fail
Sample Inlet	Isokinetic probe
Interface	RS-232 via RJ-45
Vacuum Source	Internal pump, flow controlled
Dimensions	4.5"W x 8.25"H x 2.25"D inches 11.43W x 20.96H x 5.72D cm
Weight	2.2 lbs., 1.0 kg
Environmental	50° F to 104° F, 10° C to 40° C 20% to 90% relative humidity, non-condensing





Laser Air Particle Counters

Met One 237A/237B Portable Airborne Particle Counters

The **Hach Met One 237** gives you battery operated portability, up to six size channels, and a built-in printer, all in one compact instrument.

The **Model 237** counts airborne particles in up to six different size ranges simultaneously. Count data is displayed on the front panel as total number of particles (cumulative count) or the particles in each size range (differential count). The printout shows cumulative and differential count data for each size range. Offers four modes, manual, Auto, Concentration, and Beep.

Features:

- **AC or battery operation**
- **Print count results**
- **Choose 0.3 micron (237B) or 0.5 micron (237A)**
- **0.1 cfm (2.83 lpm) flow rate**
- **2 to 6 size channels**
- **4 counting modes**
- **Spreadsheet compatible data files with Particle Vision® Portal™ software**

Item#	Description
237A	237A Portable Airborne Particle Counter (0.5 micron)
237B	237B Portable Airborne Particle Counter (0.3 micron)

Applications:

- Monitor and verify cleanrooms
- Text filters in place
- Track down particle sources
- Monitor:
 - LAF and biohazard benches
 - Cleanroom laundries
 - HVAC systems
 - Computer rooms
 - Foot and beverage packaging
 - Hospitals: Pharmacy and surgery
 - Indoor Air Quality (IAQ)
 - Aerospace Assembly
 - Medical Device assembly
 - Automotive: Paint spray booths
 - Filter performance



Air Sampler

AirPort MD8

The **AirPort MD8 by Satorius** is a new air sampler for the pharmaceutical industry, biotechnology, food and beverage industry, for hospitals, and for measurements within the scope of environmental protection and occupational safety. The **AirPort MD8** utilizes a **Gelatin Membrane Filter Method**, allowing for reliable and accurate results.

Features:

- Battery operated and portable, so it can be used everywhere
- Battery power level clearly indicated so constant performance during sampling is guaranteed.
- Ergonomically designed and easy to clean
- User friendly prompting with the option of five languages: English, French, German, Italian and Spanish.
- Flexible options for customized use including adjustable air throughput and air flow rate.

- Parameters last used are stored even after automatic shut-off.
- Can be calibrated on-site



The Gelatin Membrane Filter Method offers:

- ◆ High retention rate for microorganisms
- ◆ Protection of microorganisms samples from drying out—for a relevant and meaningful sampling time.
- ◆ Use of a variety of nutrient media
- ◆ The solubility of the gelatin membrane filter allows further applications (e.g. rapid microbiology, virus sampling and sampling of high bacterial concentrations.)

Item#	Description
16757	AirPort MD8 Air Sampler incl. adapter for gelatin filter disposables (17801) and battery charger (1ZE—006)

Accessories for AirPort MD8

Item#	Description
17801	Adapter for gelatin filter disposables
17655	Filter holder
17656	Filter stack (10 filter holders)
1ZE—0006	Battery charger

Specifications

Air flow control By an integrated impeller wheel
 Air flow rate adjustable in three steps 30 L/min., 40 L/min., 50 L/min.
 Pre-set sample volumes 25, 50, 100, 250, 500, 750, 1000 Liters

Table of correlation of sampling volumes/ Sampling times at the given air flow rates:

Sampling volume in liters (L):	25 50 100 250 500 750 1000
Sampling time in seconds (s):	50 100 200 500 1000 1500 2000
at 30 L/min. flow rate	
at 40 L/min. flow rate	37.5 75 150 375 750 1125 1500
at 50 L/min. flow rate	30 60 120 300 600 900 1200
Additional user-definable sampling volumes	From 10-2000 liters in definable 5-liter increments
Total Sampling Plan	Approx. 4.5 hours at 50 L/min. with one battery charge
Power Consumption	5-14 Watt depending of filter
Noise level	For Gelatin Membrane Filters 48 dB (A) max.
Weight	Approx. 2.5 kg
Dimensions	300 x 135 x 165 mm (L x W x H)



Air Sampler

MD8 Airscan Air Sampler

The **MD8 Airscan Air Sampler** together with gelatin membrane filter disposables constitute an airborne microorganism sampling system for accurate, reproducible and quantitative detection of airborne microorganisms in clean rooms and isolators, whether conventionally ventilated or under laminar flow.

Applications

The **MD8 Airscan** is an air sampler which works according to the filtration principle. It draws a defined volume of air through a gelatin filter. The microorganisms and viruses contained in the sampled air are retained by the filter, where they are available for processing by microbiological or virological methods.

When the microorganism content of the sampled air is to be quantitatively determined, the usual method is to subsequently plate the filter directly on an appropriate culture medium, incubate and count the resulting number of colony forming units (cfu). This number is related to the volume sampled to give cfu/m³.



When the virus concentration is to be determined, the gelatin filter must be dissolved after sampling, so that retained viruses can be cultivated in the solution and analyzed by virological or molecular biological methods.

Item#	Description
16740	Calibration unit
16746	Airscan (230V)
16747	Airscan (115V)
16748	Airscan (100V)
16757	Airport

Specifications

Air throughput:	2.0 m ³ /h to 8.0 m ³ /h in increments of 0.1 m ³ /h
Max. deviation of	±5% within the temperature air throughput range of 15°C to 35°C
Correction of	When the throughput air setting cannot be attained, the throughput display shows the maximum attainable setting of throughput for a corresponding new setting below this value.
Timer	1-99 minutes, adjustable in steps of 1 minute.
Operating elements	Covered keypad with six keys LCD with 2 x 16 characters
Error messages displayed	Clogged filter or filter defect (press Enter)
Power	700W
Safety fuses	6.3 Amp. 115V; 3.15 Amp. 230V
Weight	Approx. 6.5 kg
Noise level	Max. 62 dB(A) with gelatin membrane filters; Max. 70 dB(A) with 0.8 µm pore size membrane filters
Weight	Approx. 6.5 kg
Dimensions	375 x 242 x 228 mm (L x W x H)
Length with filter holder	407 mm
Air inlet connector	Bayonet-type quick connect
Voltage	100/115/230-volt version (50/60 Hz)

Magnehelic Differential Pressure Gage

Dwyer Magnehelic® Gage

Select the **Dwyer Magnehelic® Gage** for high accuracy—guaranteed within 2% of full scale—and for the wide choice of 81 models available to suit your needs precisely. Using Dwyer’s simple, frictionless Magnehelic gage movement, it quickly indicates low air or non-corrosive gas pressures—either positive, negative (vacuum) or differential. The design resists shock, vibration and over-pressures. No manometer fluid to evaporate, freeze or cause toxic or leveling problems. Note: May be used with Hydrogen when ordering a Buna-N diaphragm. Pressures must be less than 35 psi.

Applications:

- Filter monitoring
- Air velocity with Dwyer Pitot tube
- Blower vacuum monitoring
- Fan pressure indication
- Duct, room or building pressures
- Clean room positive pressure indication

Model#	Range Inches of Water
2000-00	0 - .25
2000-0	0 - .50
2001	0 - 1.0
2002	0 - 2.0



Specifications

Service: Air and non-combustible gases (Natural Gas option available.)

Wetted Materials: Consult factory

Housing: Die cast aluminum case and bezel, with acrylic cover. Exterior finish is coated gray to withstand 168 hour salt spray corrosion test.

Accuracy: ±2% of full scale(± 3% on -0, -100 PA, -125 PA, 10MM and ±4% on -00, 60PA, -6MM ranges), throughout range at 70°F (21.1°C)

Pressure Limits: -20" Hg to 15 psig. (-0.677 bar to 1.034 bar); MP option: 35 psig (2.41 bar), HP option: 80 psig (5.52 bar).

Overpressure: Relief plug opens at approximately 25 psig (1.72 bar), standard gages only.

Temperature limits: 20 to 140°F* (-6.67 to 60°C)

Size: 4" (101.6mm) Diameter dial face

Mounting Orientation: Diaphragm in vertical position.

Process Connections: 1/8" female NPT duplicate high and low pressure taps—one pair side and one pair back.

Weight: 1 lb 2 oz (510 g)

Standard Accessories: Two 1/8" NPT plugs for duplicate pressure taps, two 1/2" pipe thread to rubber tubing adapter and three flush mounting adapters with screws.

Spray Guns

NCI offers **Nitrogen and DI Water PTFE Cleanroom Spray Guns**. These Spray Guns deliver the optimum in anti-corrosion protection and long lasting cleanroom duty. Manufactured of PTFE and poly, this equipment resists acid fume attack. Moreover, our N2 guns' unique design eliminates costly nitrogen leaks (these leaks usually occur in conventional guns around the depress button). **N2 Guns** are available individually, or as assemblies, with a hose. These cleanroom spray guns are equipped with a replaceable sub-micron filters to provide class 100 or better clean air environment. In addition to our **DI Water Spray Guns** with threaded nozzles, NCI now offers a cleanroom hand sprayer with 1/8" Female NPT threaded cap for easy connection to custom spray patterns. Cleanroom sprayers are sold separately or in assemblies. Private cleanroom equipment labeling is available.



Water Spray Guns

DI Water Spray Gun	L-2
DI Water Spray Gun - Recirculating	L-2
DI Water Spray Gun Ft. Trig. Assem.	L-3
DI Water Spray Gun Rr. Trig. Assem.	L-3
DPTFE Source Hose	L-2

Nitrogen Spray Guns

N2 Spray Gun Assembly	L-3
N2 Spray Gun Assembly - St. Line	L-3
Nitrogen Spray Gun Hose	L-4
Nitrogen Spray Gun Hose w/Fittings	L-4
Replacement 0.45 Micron Filter 10	L-4
1/2" OD Hose	L-4

Spray Gun Illustrations	L-4
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Water Spray Guns

DI Water Spray Gun

This PTFE spray gun delivers the optimum in anti-corrosion protection and long lasting duty wherever harsh chemicals are used (such as those in semiconductor fab. plants). The DI water sprayer is constructed of PTFE poly and is available with threaded nozzles or with a 1/8" Female NPT threaded cap for easy connection to custom spray patterns. This standard spray gun has a 1/2" Female NPT inlet thread and a maximum operating pressure of 75 PSI.



Item#	Description	Packed
TA-SG-103FT	DI Water Spray Gun	One per carton

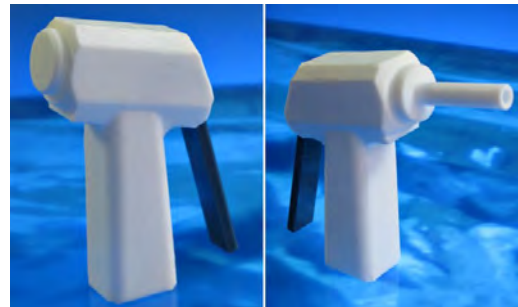
DI Water Recirculating Spray Gun

The Recirc has a fluid path free of all undesirables such as o-rings, o-ring lubricants, metal springs or porous materials. Further the Gun itself and all component parts coming into contact with the fluid are fabricated from high density PTFE for total purity. In short there are no materials or objects in the fluid path to allow contamination.

TRUE RECIRCULATION...

When DI Water enters the Recirc it travels up the "pressure" orifice into the point-of-use spray head chamber. Upon arrival and if the Recirc is not in use DI Water will travel back down the parallel "recirculation" orifice and eventually discharge to users DI recovery or drain. By travelling this path bacterial growth is virtually eliminated as true recirculation exists.

Includes Gun, Interconnecting Fitting, Source Hose, Source Fitting, and Recirculating Tube.



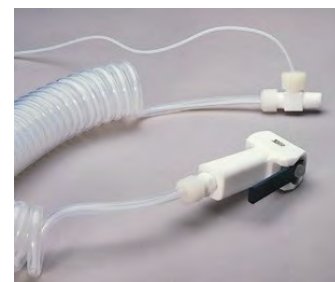
Item#	Description	Packed
TA-RECIRC-101	DI Water Spray Gun - Recirc.	One per carton



DPTFE Source Hose

Replacement coiled hose for recirculating system. 3/8" OD x 1/4" ID 15" relaxed 7.5' stretched.

Item#	Description	Packed
TA-RECIRC-23	DPTFE Source Hose	One per carton



Water Spray Guns

DI Water Spray Gun Assembly

PTFE spray guns deliver the optimum in anti-corrosion protection and long lasting duty wherever harsh chemicals are used. The DI water sprayers are constructed of PTFE poly. With 8' nylon PTFE hose assembly 1/2" male NPT thread size.



Options:

- Threaded nozzles
- 1/8 Female NPT threaded cap

Item#	Description	Packed
TA-SG-603FT	DI Water Spray Gun Assembly, Front Trigger	One per carton
TA-SG-603RT	DI Water Spray Gun Assembly, Rear Trigger	One per carton
TA-SG-601RT	DI Water Spray Gun Assembly, Rear Trigger	One per carton

Nitrogen Spray Guns

N2 Spray Gun Assembly - Straight Line



TEQCOM's PTFE Nitrogen Guns deliver the optimum in anti-corrosion protection and long lasting duty whenever harsh chemicals are used in the vicinity of N2 dispensing/drying. Manufactured of PTFE and poly (like the companion piece ... DI Water Spray Guns) they resist acid fume attack. Moreover, the N2 guns' unique design eliminates costly nitrogen leaks

(which occur in conventional guns around the depress button). N2 guns are available individually or as assemblies with a hose.

This Standard N2 Spray Gun is supplied with a 7 foot hose and fittings for N2 supply hookup, filter housing and one TA-CODISC-10 Filter.

Item#	Description	Packed
TA-N2-1000	N2 Spray Gun, Straight Assembly	One per carton

N2 Spray Gun Assembly

N2 Gun in spray gun configuration, with 7 foot coiled hose and fittings for N2 supply hookup, filter housing and one each disposable TACODISC Filter and front or rear trigger. PTFE NITROGEN GUNS deliver the optimum in anti-corrosion protection and long lasting duty wherever harsh chemicals are used in the vicinity of N2 dispensing/drying. Manufactured of PTFE and poly (like the companion piece . . . our DI Water Spray Guns), they resist acid fume attack. Moreover, our N2 guns' unique design eliminates costly nitrogen leaks (these leaks usually occur in conventional guns around the depress button). N2 Guns are available individually or as assemblies with our popular coiled hose.



Spray Gun Assemblies and Accessories

Item#	Gun	Hose	Interc. Fitting	Source Fitting
TA-SG-103	TA-SG-103	C8-FEP	MC-F-88	MC-F-88
TA-RECIRC-101	TA-SG-103	RC-5	-	-
TA-SG-603	TA-SG-102	306	MC-F-66	MC-F-66
TA-SG-601	TA-SG-102	C6-FEP	MC-F-66	MC-F-66
TA-N2-1000	NITRO-1	C4-PU	J44	J44
TA-N2-2000	NITRO-2	C4-PU	J44	J44

C8-FEP— 1/2" OD FEP Coiled Tubing

RC-5— C6-FEP Tubing w/ PTFE fittings and recirculating tube

306— 1/4" ID x 3/8" OD x 8' Long Bendable PTFE Tubing

C6-FEP— 3/8" OD FEP Coiled Tubing

C4-PU— 1/4" OD Blue Polyurethane Coiled Hose

MC-F-88— IPS Male Connector—PTFE 1/2" Tube x 1/2" MNPT

MC-F-66— IPS Male Connector—PTFE 3/8" Tube x 3/8" MNPT

J44— JACO Male Connector—Poly. 1/4" Tube x 1/4" MNPT

Nitrogen Spray Guns

Replacement Parts for N2 Spray Guns



Replacement Filter 0.45 Micron for Nitrogen Spray Gun

Item#	Description	Packed
TA-CODISC-10	0.45 Micron Filter for N2 Spray Gun	10 per carton

OD Hose - 1/2" for use with TA-N2-2000 Spray Gun

Item#	Description	Packed
TA-17001	OD 1/2" Hose	One per carton



Nitrogen Spray Gun Hose w/Fittings

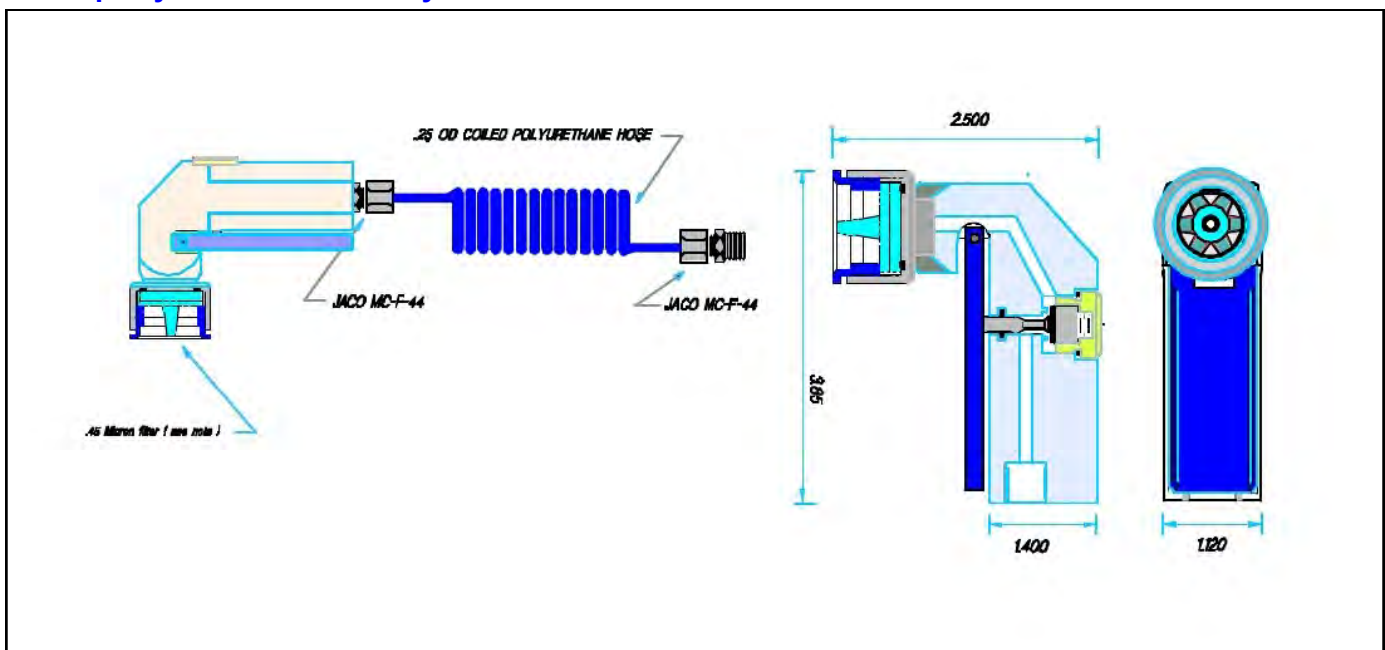
Item#	Description	Packed
TA-18003	Nitrogen Spray Gun Hose 1/4" Fittings on both ends. 1/8" ID, 1/4" OD	One per carton

Nitrogen Spray Gun Hose

Item#	Description	Packed
TA-18004	Nitrogen Spray Gun Hose 7 foot flexible coiled hose. 1/2" ID, 1/4" OD	One per carton

Spray Gun Illustration

N2 Spray Gun Assembly





Static Control

Bags (See our Packaging Products section)	V		
Binders & Clipboards		Ionizing Air Guns	
Binders-Static Dissipative	M-2	Air Snake	M-11
Clipboard-ESD Safe	M-2	Ion Air Gun - Top Gun 7 ft. Hose	M-11
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Cleanstat 4 ESD Floor Finish	M-2	Ion Air Nozzle - orION	M-12
Cleanstat Easy Clean Floor Cleaner	M-2	Ion Air Nozzle - orION SideKick	M-12
Rubber & Vinyl Mat Cleaner	M-2	Ionizing Blow Gun	M-11
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Green Lead Free Coil Cords	M-7	Static Bar - Botron	M-12
Gray Coil Cords	M-7	Ionizing Fans & Blowers	
Dispensers		Bench Mini Blower	M-16
Catch All Cup - ESD Safe	M-3	Bench top - Dual Fan Ionizer	M-16
Flux Dispenser Bottles	M-3	Bench top - Single Fan-High Freq. Ionizer	M-16
Spray Bottles - ESD Safe	M-3	Bench top - Small High Freq. Ionizer	M-16
Standard Dispensers - ESD Safe	M-3	Ionizing Air Blower - minION2	M-15
Static Dissipative Bottles	M-3	Overhead Ionizer - Aerostat Guardian	M-14
Wash Bottles - ESD Safe	M-3	Overhead Ionizer - Guardian CR2000	M-14
Flooring (See our Components section)	B	Overhead Ionizer - High Frequency	M-16
Furniture (See our Chairs and Table sections)	F-G	Static Control Benchtop Blower – Aerostat	M-14
Garments - ESD Safe		Volume Static Eliminator, Benchtop	M-14
Airlite III Coats	M-4	XC Extend. Benchtop Blower - Aerostat	M-14
Airlite EC2 Jackets, Coats	M-4	Mats - ESD	M-19
Shoe Covers - (See Launderable Apparel section)	O	Safety Shoes - ESD	M-17-18
<i>(For more ESD Safe Garments see our Launderable Apparel section)</i>		Static Dissipative IC Hand Lotion	M-23
Garment Racks - ESD Safe	M-4	Storage - ESD	M-20-23
Gloves and Fingercots (See our Gloves section)	P	Tape-ESD (See our Packaging Products Section)	V
Grounds		Topical AntiStat Spray	M-23
Table Mat Ground	M-7	Test Equipment	
Floor Mat Ground	M-7	Portable Wrist Strap Tester	M-9
Work Bench Ground	M-7	Surface Resistivity Test and Audit	M-10
Heel Grounders		Test Stations	M-10
Heel Grounder -Ergo One Heel	M-5	Wrist Straps	
Heel Grounder - Non-Marking Heel	M-5	Constant Contact Wrist Strap	M-6
Heel Grounder - Snap-Loc	M-5	GEM Wrist Straps	M-6
Ergo One Toe Grounder	M-5	Std. Adjustable Wrist Strap	M-6
Sole Grounder	M-5		
Instrumentation			
Continuous Monitors	M-9		
Electrostatic Field Meter	M-8		
Field Meter -Portable	M-8		
Resistivity Meter - Six Light	M-8		
Resistivity Meter - Ten Light	M-8		
Static Locator	M-8		

Binders - Static Dissipative

Static Dissipative Binders in a variety of colors are available made with ESD safe vinyl. All three ring binders are made for standard 8.5" x 11" paper, and are marked with an ESD symbol.

Item #	Description
B7405	1/2" Three Ring Static Dissip. Binder
B7401	1" Three Ring Static Dissip. Binder
B7415	1.5" Three Ring Static Dissip. Binder
B7402	2" Three Ring Static Dissip. Binder
B7403	3" Three Ring Static Dissip. Binder

See our Documentation Section, W, for more!

Clip Board - ESD Safe

These ESD safe clipboards are made of blue static dissipative vinyl and come with an ESD symbol. The size is 9" x 12", the clip is 5" wide.



Item#	Description
B7602	Blue Static Dissipative Clipboard

Rubber & Vinyl Mat Cleaner

Cleanstat Rubber & Vinyl Cleaner can be used on, but not limited to ESD table mats and floor mats to remove blemishes and dirt as well as enhance ESD properties. It is recommended to clean test weights and mats during audits for the most accurate readings.

Item#	Description
B8011	Rubber & Mat Cleaner, 6 oz.
B8018	Rubber & Mat Cleaner, 1 qt

Features

- Low Tribocharging
- ESD Safe Vinyl
- 3 ring for std. 8.5" x 11" paper
- ESD Symbol
- Standard color is light blue
- Other colors available with an order of 100 pieces or more.
- Available in 1/2" through 3" sizes



Cleaners

Cleanstat 4 Clean Floor Cleaner

Cleanstat 4 Floor Cleaner concentrate rejuvenates and improve the static dissipative properties of **Cleanstat 4 Floor Finish**. It will improve other types of dissipative floor surfaces like tile and epoxy. Coverage when diluted 10-1 ratio is approx. 2000 square feet per gallon.



Item#	Description
B8301	ESD Floor Cleaner - 1 gallon
B8305	ESD Floor Cleaner - 5 gallon

Cleanstat-4 ESD Floor Finish

Cleanstat 4 ESD Static Dissipative Floor Finish prevents static charge generation. With proper foot grounding, it will dissipate a charge from a person as they walk. Ideal when mobility is needed.



Item#	Description
B8101	ESD Floor Finish - 1 gallon
B8105	ESD Floor Finish - 5 gallon
B8155	ESD Floor Finish - 55 gallon drum

Flooring -See our Cleanroom Components Section for ESD flooring options, page B-10.

Dispensers

Cleanroom Safe Static Dissipative Bottles

R & R Lotion has developed a new process of molding polyethylene bottles utilizing a concentrate that does not contain any Exthoxylated Tertiary Amine, which is widely used as an antistatic agent.

These ESD safe bottles have an average surface resistivity of 10^9 to 10^{10} /Square and do not have any less desirable features associated with surfactant laden material. These bottles will dissipate a static charge of $\pm 5000V$ in less than two seconds at 40% relative humidity. By their chemical nature, they will not have any chemical reactivity with solvents such as TCE or alcohol.

The pH of the de-ionized water solutions tested were that same before and after a seven day period. No color change or any other physical change was noted for any solvents tested. Competitively priced with existing static generating containers.



Flux Dispenser Bottle (Top Photo)

Item#	Description
RR-FD-1-ESD	2 oz. Flux Dispenser w/26 ga. Needle
RR-FD-2-ESD	2 oz. Flux Dispenser w/20 ga. Needle
RR-FD-3-ESD	2 oz. Flux Dispenser w/16 ga. Needle

Standard Dispensers

ESD Safe Static Dissipative Solvent Dispensers are available in 4 oz., 6 oz., and 8 oz. sizes.



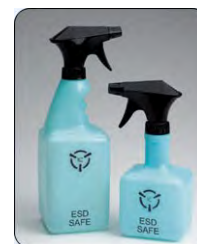
Item#	Description
RR-SD-4-ESD	Solvent Dispenser w/Std. Pump 4 oz.
RR-SD-6-ESD	Solvent Dispenser w/Std. Pump 6 oz.
RR-SD-8-ESD	Solvent Dispenser w/Std. Pump 8 oz.
RR-SD-4-ESD-AS	Solvent Dispenser w/Purity Pump 4 oz.
RR-SD-6-ESD-AS	Solvent Dispenser w/Purity Pump 6 oz.
RR-SD-8-ESD-AS	Solvent Dispenser w/Purity Pump 8 oz.

Spray Bottles

ESD Safe Square Spray Bottles have a wide mouth for liquid chemical or dry storage. Space saving shape.

Spray Bottle 16 oz.
Item# **RR-SCB-16-ESD**

Spray Bottle 32 oz.
Item# **RR-SCB-32-ESD**



Catch All Cup

ESD Safe Catch All Container for small items that clutter up your desk.

Catch All Container 16 oz.
Item# **RR-CTAL-ESD**



Wash Bottles

Wash Bottles are low density, ESD safe with closure and 90 degree stem molded in one piece for leak proof service.

Wash Bottle 8 oz.
Item # **RR-WHB-8-ESD**

Wash Bottle 16 oz.
Item# **RR-WHB-16-ESD**



*Other shapes and sizes are available.
Contact NCI for more information.*

Garments

Airlite EC2 Coats

An outstanding addition to the **AIRLITE** series of fabrics, **AIRLITE EC** has a light weight and drape that is comfortable to wear. This knitted polyester jacket is made standard with 3 pockets and a collar with lapels. Also available in a coat style. Color choices are medium blue and white.



Charge Decay Rate 10% Cutoff, 5KV....0.01 sec. (Method 4046).
 Flammability Self Extinguishing..... 0.00 sec. Test (CS191)
 Weight..... 3.8 oz./yd. (FSTM 191-5041)
 Surface Resistivity..... 10⁵ Ohms/sq. (ASTM 257)

Item#	Description	Color
AEC2 C3032	Airlite EC2 Coat, X Small 30-32	Blue or White
AEC2 C3436	Airlite EC2 Coat, Small 34-36	Blue or White
AEC2 C3840	Airlite EC2 Coat, Medium 38-40	Blue or White
AEC2 C4244	Airlite EC2 Coat, Large 42-44	Blue or White
AEC2 C4648	Airlite EC2 Coat, X Large 46-48	Blue or White
AEC2 C5052	Airlite EC2 Coat, 2X Large 50-52	Blue or White
AEC2 C5456	Airlite EC2 Coat, 3X Large 54-56	Blue or White

For more ESD Safe Garments see our Launderable Apparel Section, O.

Airlite III

Airlite III is a lighter weight revision of one of our most popular fabrics. At 3.0oz./yd. it is proving to be perfect for year around wear. A collar and three pockets are standard on the jacket and 3/4 length coat. Colors available are medium blue, white, burgundy, and NASA blue.



Charge Decay Rate 10% Cutoff, SKU .0.01 sec. (Method 4046)
 Flammability Self Extinguishing.... 0.00 sec. Test (CS191)
 Weight.....3.0 oz./yd. (FSTM 191-5041)
 Surface Resistivity..... 10⁶ Ohms/sq. (ASTM 257)

Your knowledgeable NCI Sales Representative will assist you in selecting the right garment for your application. Contact NCI for more information.

Item#	Description	Color
A3 C3032	Airlite III Coat, X Small 30-32	Blue or White
A3 C3436	Airlite III Coat, Small 34-36	Blue or White
A3 C3840	Airlite III Coat, Medium 38-40	Blue or White
A3 C4244	Airlite III Coat, Large 42-44	Blue or White
A3 C4648	Airlite III Coat, X Large 46-48	Blue or White
A3 C5052	Airlite III Coat, 2X Large 50-52	Blue or White
A3 C5456	Airlite III Coat, 3X Large 54-56	Blue or White

Garment Rack Covers

ESD Safe Cart Covers

These **ESD Safe Cart Covers** are made to protect ESD sensitive components when being transported or stored from static charges and contaminates such as dust and dirt. There are three different types of cart covers. The green cart covers have a dual layer design and are static dissipative one side, conductive on the other. The blue cart cover clear cart covers are both static dissipative



Item#	Description
B171836G	Green Cart Cover 18" x 36" x 63" Dual Layer
B171848G	Green Cart Cover 18" x 48" x 63" Dual Layer
B171836B	Blue Cart Cover 18" x 36" x 63" Static Dissipative
B171836C	Clear Cart Cover 18" x 36" x 63" Static Dissipative

Heel Grounders

Ergo-One Heel Grounder

This **Ergo-One Heel Grounder** has an ergonomic design with stretch Velcro® for comfort, a non-marking interior and a reversible cup design. It comes in blue. Features include: Stretch Velcro® for comfort, non-marking interior, reversible cup design, 18" conductive tab, 1.5 cup, 2 layer rubber. Meets DOD 263A standards. Built-in resistor



Item	Description
B7500	Blue strap heel, 1 megohm resistor
B7501	Blue strap heel, no resistor
B7502	Blue strap heel, 2 megohm resistor
B7510	Black strap heel, 1 megohm resistor
B7511	Black strap heel, no resistor
B7512	Black strap, 2 megohm resistor

Snap-Loc Heel Grounder

Snap-Loc Heel Grounder utilizes a snap-loc buckle for quick fastening as well as an elastic strap for a snug fit. Features include: Adjustable snap lock design, 1.5" wide reversible cup design, Two layer rubber material with non-marking inner cup, 18" long conductive tab, Built in 1 or 2 Meg Ohm resistor, no resistor also available. Available in black. Meets DOD 263A standards



Item	Description
B7525	Black Elastic 1 MegOhm Resistor
B7526	Black Elastic No Resistor
B7527	Black Elastic 2 MegOhm Resistor

Sole Grounder

Full Coverage Sole Grounder is designed to provide maximum surface coverage. Benefit is always maintaining contact with the floor surface on heel or toe. Comes in three sizes.



Non-Marking Heel Grounder

This **Non-Marking Heel Grounder** will not mark floors. Ideal for use in cleanrooms. This will decrease your floor maintenance cost. Stretch Velcro® for comfort, non-marking rubber with reversible cup design. Features include: Stretch Velcro® for comfort, non-marking rubber, reversible cup design, 18" conductive tab, 1.5 Cup. Meets DOD 263A standards.



Item	Description
B7571	Non-marking heel grounder
B7572	Non-marking toe grounder
B7573	Non-marking heel 1 meg
B7574	Non-marking heel 2 meg

Ergo One Toe Grounder

The cup of the **Ergo One Toe Grounder** is constructed of a 5" long piece of dual layer rubber with a non-marking interior and a conductive rubber outer layer. Utilizes an elastic stretch strap and snap loc design. Comfortable stretch material for easy adjustment. Features include: 1.5" wide reversible cup design, Two layer rubber material with non-marking inner cup, 10" long conductive tab. Available in black. Built in 1 or 2 Meg Ohm resistor, no resistor also available. Meets DOD 263A standards.



Item	Description
B7522	Black 1 MegOhm Resistor
B7523	Black No Resistor
B7524	Black 2 MegOhm Resistor

Sole Grounder

Item	Description
B7505	Full Coverage Sole 1 MegOhm Resistor, small
B7506	Full Coverage Sole 1 MegOhm Resistor, medium
B7507	Full Coverage Sole 1 MegOhm Resistor, large

Wrist Straps

Constant Contact Hinge Wrist Strap

The **Constant Contact Hinge Wrist Strap** features an adjustable wrist strap incorporating a Constant Contact Hinge (CCH). Attaches to a wide variety of coil cords via 4mm stud. Available in blue or burgundy. Alone or in sets with 6' or 12' standard coil cords.

Features

- Adjustable elastic material
- Constant contact hinge
- Large conductive area 5/8"
- 1/8" snap
- 6' & 12' cords
- Stainless steel back plate
- 1 megohm (cords)



Item	Description
B9608	Adjustable light blue wrist strap, 6' std. coil
B9628	Adjustable light blue wrist strap, 12' std. coil
B9638	Adjustable light blue wrist strap, band only
B96108	Adjustable burgundy wrist strap, 6' std. coil
B96128	Adjustable burgundy wrist strap, 12' std. coil
B96138	Adjustable burgundy wrist strap band only

Standard Adjustable Wrist Strap

Adjustable wrist strap sets and bands offers a 5/8" conductive fiber inner surface 10³ megohms. This design provides the performance and reliability of a metal band with the comfort of cloth.



Features

- Soft comfort elastic
- 1/2" & 1/4" snaps
- Stainless steel back plate
- 6' and 12' coils
- 1 megohm resistor

Item	Description
B9008	Std. adjustable wrist set 6' coil, 1/8" snap
B9004	Std. adjustable wrist set, 6' coil, 1/4" snap
B9028	Std. adjustable wrist set 12' coil, 1/8" snap
B9024	Std. adjustable wrist set 12' coil, 1/4" snap
B9018	Lt./Wt. adjustable wrist set, 6' coil, 1/8" snap
B9010	Lt./Wt. adjustable wrist set, 10' coil, 1/8" snap
B9038	Adjustable wrist band only, 1/8" snap
B9034	Adjustable wrist band only, 1/4" snap
B9340	Adjustable Hypo-Allergenic 6' set, 1/8" snap

Translucent GEM Wrist Straps

These premium **Translucent GEM** (Grounding Electronic Module) **Wrist Straps** and coil cords feature good looks and comfort. Offered in 6 foot or 12 foot sets, this soft material expands when you move and it's 5/8" conductive surface provides a superior contact area for safe discharge of static. They are adjustable. G.E.M. Coil Cords also available below.

Item	Description
B9908	GEM Ruby red wrist strap, 6' std. coil
B9928	GEM Ruby red wrist strap, 12' std. coil
B9938	GEM Ruby Red band only
B9948	GEM emerald green wrist strap, 6' std. coil
B9958	GEM emerald green wrist strap, 12' std. coil
B9968	GEM emerald green band only

Features

- Adjustable elastic material
- Large conductive area
- Snap 1/8"
- 6' & 12' cords
- Stainless steel back plate
- 1 MegOhm resistor



G.E.M. Coil Cords

Item	Description
B2308	Ruby GEM Coil Cord 6', 1/8" snap
B2328	Ruby GEM Coil Cord 12', 1/8" snap
B2448	Emerald GEM Coil Cord 6', 1/8" snap
B2428	Emerald GEM Coil Cord 12', 1/8" snap
B2508	Sapphire GEM Coil Cord 6', 1/8" snap
B2528	Sapphire GEM Coil Cord 12', 1/8" snap



Coil Cords

Long Life Coil Cords

Design:

Long Life coil cords are made of black PVC insulation and 7 strand tinsel wire that provides superior strain reliefs at both ends. All Long Life coil cords come with a built in 1 MegOhm 1/4 watt resistor at snap end. Most models available in lengths of 6' and 12' long.

Mounting System:

Available in either a spring loaded 1/8" (4mm) or 1/4" (7mm) socket connector to standard banana jack applications. Each cord comes with a slip on alligator clip that attaches to the banana jack for greater expansion of use.

Standards:

Meets S1.1 of one to five pounds breakaway force.



Standard Coil Cords

Item	Description
B2004	Standard Coil Cord 6', 1/4" snap
B2008	Standard Coil Cord 6', 1/8" snap
B2024	Standard Coil Cord 12', 1/4" snap
B2028	Standard Coil Cord 12', 1/8" snap



Light Weight Coil Cords

Item	Description
B2108	Light Wt. Coil Cord, 6', 1/8" snap
B2110	Light Wt. Coil Cord 12', 1/8" snap



Green Lead Free Coil Cords

Item	Description
B2008G	Green Coil Cord 6', 1/8" snap
B2028G	Green Coil Cord 12', 1/8" snap



Gray Coil Cords

Item	Description
B2208	Gray Coil Cord 6', 1/8" snap
B2228	Gray Coil Cord 12', 1/8" snap

Grounds

Table Mat Ground

Features: 10" long straight cable with molded in 1 Meg Ohm resistor. 3/8" (10mm) snap ensures secure connection to table mats. Includes two banana jack receptacles for wrist straps. #10 ring terminal for connection to ground.



Item	Description
B9703	Low Profile Common Point Ground 10'

Work Bench Ground

Molded enclosed box contains no metal edges and mounts under front edge of workstation. Includes a 10' long ground cable with #10 ring terminal connector. Two banana jack receptacles for secure ground connections. Two parking studs (4mm) for storing cords when not in use.



Item	Description
B9742	Work Bench Ground
B9743	Work Bench Ground

Floor Mat Ground

Features: 10' long straight cable with no resistor and molded low profile mushroom cap. 3/8" (10mm) snap ensures secure connection to floor mats. #120 ring terminal for connection to ground.



Item	Description
B9701	Floor Mat Ground

Instrumentation

Resistivity Meter - Six Light

This **Surface Meter** is hand held, and features a six light surface tester range of $10^5 - 10^{10}$ ohms powered by 9 volt battery. Classified per ESD guidelines. Measures surface resistivity and RTG.



Item	Description
BSRM-6	Surface Resistivity Meter

Resistivity Meter - Ten Light

This **Surface Meter** is hand held, and has a ten light full range of $10^3 - 10^{12}$ ohms powered by a 9 volt battery. Classified per ESD guidelines. Measures surface resistivity and RTG.



Item	Description
BSRM-10	Surface Resistivity Meter

Portable Field Meter

The B48282 is a **Portable Field Meter** used for detecting and measuring static potentials. Optional charge plate used to measure ionization. (Also available in a kit with charger and case.)



Item	Description
B48282	Portable Field Meter

Static Locator

This Static Locator is very affordable. It is perfect for checking static buildup at workstations. HOLD button freezes the display to capture readings or hard to read locations. Battery saver when not in use. Range @ 1" from target +/-20kv up to +/-80kv @ 4".



Item	Description
B48282	Static Locator

Electrostatic Field Meter

The FMX-003 Electrostatic Field meter is a compact, portable survey instrument for measuring electrostatic charge. The FMX-003 measures positive and negative polarity electrostatic charges to 20kV (20,000V) at a distance of one inch (25mm). Results are simultaneously displayed numerically and in bar graph format. Power on/off, zero adjustment, Ion Balance (IB) and hold are all push button operations



Two LED guide ring lights on the measuring side of the unit converge at the proper distance from a test object. The conductive case and ground snap facilitate grounding for accurate measurement. The circuitry of the FMX-003 has been designed to make measurements in areas using air ionization.

Features

- Digital and Bar Graph display indicates field polarity and intensity
- Battery condition display
- Multi-function audible alarm
- Easy plate attachment for ion balance measurement
- Auto shut off after 5 minutes
- Portable and lightweight
- Auto-ranging digital display
- Includes vinyl storage case, ground lead, and battery

Item	Description
4010723	Electrostatic Field Meter

Instrumentation

Continuous Monitors

These **Continuous Monitors** are designed to monitor resistance of both the work surface and the operator(s). They come with a LED and built in audible alarm, triggered when either the operator or work surface falls out of spec, becomes disconnected, or ground is lost. It is a fixed resistor system and is go no go, there is no calibration needed. A full time monitoring system is necessary to reduce latency on the assembly line.

Single Operator Continuous Monitor

Features: The **B92011** is designed to monitor resistance of the operator. Its compact design fits nicely on the underside of bench tops, comes with molded mounting brackets.



Item	Description
B9211	Single Operator Continuous Monitor

Continuous Monitor

Features: The **B9202** is designed to monitor resistance of both the work surface and the operator. It comes with a built in audible alarm and LED, triggering either when either the operator or work surface falls out of spec, becomes disconnected, or ground is lost. It is a fixed resistor system and is go no go, there is no calibration needed. A full time monitoring system is necessary to reduce latency on the assembly line.



Item	Description
B9202	Continuous Monitor

Continuous Monitor Test Box

Features:
B9203TB Verifies single wire continuous monitor systems. For use with the B9201, B92011, B9202, B9203 systems



Item#	Description
B9203TB	Continuous Monitor Test Box

One Operator Monitor

Features: The **B9201** is designed to monitor resistance of the operator's path to ground. It comes with a built in audible alarm and LED, triggering either when the operator falls out of spec, becomes disconnected, or ground is lost. It is a fixed resistor system and is go no go, there is no calibration needed. A full time monitoring system is necessary to reduce latency on the assembly line.



Item#	Description
B9201	One Operator Monitor

Dual Operator Continuous Monitor

Features: The **B9203** is designed to monitor resistance of both the work surface and the operators'. It comes with a built in audible alarm and LED, triggering either when either the operator or work surface falls out of spec, becomes disconnected, or ground is lost. It is a fixed resistor system and is go no go, there is no calibration needed. A full time monitoring system is necessary to reduce latency on the assembly line.



Item#	Description
B9203	Dual Operator Continuous Monitor

Test Equipment

Portable Wrist Strap Tester

- Portable
- 9 volt battery
- LED light indicators
- Low Cost
- 2.25" x 3"



Item#	Description
B8203	Portable Wrist Strap Tester

Instrumentation

Surface Resistivity Test and Audit

Digital and Analog Audit Test Kit

Features: The **B8572 Digital & Analog Test Kit** makes testing all surfaces accurate and simple. Test up to 200Gegohm/500v. Kit comes with two 5lb weights and foam filled case. Test at 10v,100v & 500volts.This unit can test to NFPA77 when many others can not.

Features

- 3 Year Warranty
- 2-5lb Weights

- Large Graphical Display
- Meets ANSI/ESD S20.20
- Digital and Analog Readout
- Displays Test Resistance & Ohm Meter
- Tests both A.C. and D.C. Voltage
- Programmable Settings for Continuous Test



Item#	Description
B8572	Digital and Analog Audit Test Kit

Test Stations

Deluxe Dual Test Station

This **Deluxe Dual Test Station** features a sleek adjustable black frame and molded foot plate. Wires simply slip into the frame and are hidden and kept safe from snagging and interference. With the new dual tester, personnel can verify wrist straps and any type of footwear ranging from heel grounders to conductive shoes.

Item#	Description
B8525	Deluxe Dual Test Station

Features

- 9 volt test
- Tests both right and left foot
- Wrist strap - 750k - 12Meg
- Footwear - 750k - 120 Meg
- Hidden cord construction
- Molded foot plate



Dual Test Station

The **Dual Test Station** is designed to withstand the rigors of daily use in the work environment. It is constructed of a powder coated steel frame with 2 individual solid aluminum foot plates. The Dual Test Station comes with a B82251 tester and will test both feet at the same time. IT can also be switched to test writs straps.

Item#	Description
B82250	Dual Tester with Stand

Features

- 9 volt test
- Tests both right and left foot
- Wrist strap - 750k - 12Meg
- Footwear - 750k - 120 Meg
- Powder coated steel frame
- 2 Solid Aluminum foot plates



Dual Footwear and Wrist Strap Tester

- Uses 9 volt battery
- Independently test right & left foot
- Wrist strap - 750K - 10Meg
- Visual and audible alarms
- LED light indicators
- Low battery indicator

Item#	Description
B82251	Dual Footwear & Wrist Strap Tester

Ionizing Air Guns

Top Gun™ Ion Air Gun 7 Foot Cable/Hose

Balanced to 0 +/- 15V, the **Top Gun™ Ion Air Gun by Simco®** features high blow-off force to provide efficient cleaning and rapid static charge decay. A 0.01 micron filter at the exit of the gun ensures the air is clean.

The **Top Gun™ Ion Air Gun** body is lightweight but durable. It features a light-touch trigger, making it comfortable even for extended use.

All functionality is built into the **Top Gun™ Ion Air Gun**: a flow control valve, a balance adjustment for calibration, and a two level LED which indicates both power and ionization.

Maximum pressure 100 PSI. This gun comes with a 7' cable and hose. The **Top Gun™ Ion Air Gun** and cable are static dissipative. A hanger is provided for easy mounting.

Item#	Description
4005105	Top Gun Ion Air Gun, 7' Cable/Hose

Top Gun™ Filter Replacement

Replacement Ion Air Gun Filter for Top Gun Nozzle. This internal 0.01 micron filter eliminates the problem of particle agglomeration in the gas supply line and makes the unit suitable for cleanroom use.

The easily replaceable filter cartridge lasts up to 3 months. Two Cartridges per package.

Item# 5050696 Top Gun Filter Replacements (2)

Ionizing Blow Gun

This **Ionizing Blow Gun** features high frequency ionization, an abnormal HV alarm, an ion balance of +/- 10v. It uses both compressed air and nitrogen, and comes with an 8 foot hose.



Item#	Description
B48661AG	Ionizing Blow Gun



Features

- **Filter at gun exit to ensure clean air**
- **Lightweight ergonomic design for user comfort**
- **Adjustable airflow control**
- **Remote activation of ionization and air flow**
- **Ionization verification indicator light**

Top Gun™ Ion Air Gun 14 Foot Cable/Hose

Item#	Description
4006599	Top Gun Ion Air Gun, 14' Cable/Hose

Air Snake

The **Ionizing Air Snake** is designed to neutralize static charge eliminate contaminants. It features a self contained HV power unit, foot pedal, and adjustable neck. It is equipped with auto ion balance and abnormal HV alarm system.



Item#	Description
B48614SF	High Frequency Ionizing Air Snake

Ionizing Air Guns

orION® Ion Air Nozzle

The orION® Ion Air Nozzle by Simco® has been designed for use in fixed applications on manufacturing lines, equipment, and tool applications in the telecommunications, consumer electronics, semiconductor, and medical device manufacturing industries.

The orION® Ion Air Nozzle features high blow-off force capability combined with fast removal of electrostatic surface charge. Reliable balance stability is maintained at better than 0±15 Volts. An easily replaceable 0.01 micron particle filter is positioned at the nozzle air exit to provide the highest confidence that clean air is delivered to sensitive product.

An optional foot switch is available to activate the orION® nozzle. The switch connects to the power supply, and when depressed, activates both airflow and power to the ion emitter assembly.

Item#	Description
4009045	orION Ion Air Nozzle

Features include:

- Compact design
- Easy installation
- Fast charge neutralization
- Simple, reliable operation
- Low maintenance



orION® SideKick Foot Activation Switch Assembly

Optional Foot Switch Assembly is available to activate the orION® Ion Air Nozzle. The switch connects to the power supply, and when depressed, activates both airflow and power to the ion emitter assembly.

Also Available:

Item# 4107399 orION SideKick Foot Activation Switch Assembly

orION® SideKick Ion Air Nozzle, Hands Free Stand

orION® with Sidekick Ion Air Nozzle by Simco® provides high performance and reliability in a compact, compressed air nozzle. It has been designed for use in fixed applications on manufacturing lines, equipment, and tool applications in the telecommunications, consumer electronics, semiconductor, and medical device manufacturing industries.

The orION® Ion Air Nozzle features high blow-off force capability combined with fast removal of electrostatic surface charge. Reliable balance stability is maintained at better than 0±15 Volts. An easily replaceable 0.01 micron particle filter is positioned at the nozzle air exit to provide the highest confidence that clean air is delivered to sensitive product.

A foot pedal controls both ionization and airflow, which reduces compressed air costs. The flexible gun mount allows the orION operator to focus the ionization airflow where needed. The sidekick includes bracket for easy benchtop mounting.

Features include:

- Compact design
- Easy installation
- Fast charge neutralization
- Simple, reliable operation
- Low maintenance
- Hands-free operation



Item#	Description
4009245	orION Ion SideKick Air Nozzle

Ionizing Bars

Static Bar

This Static Bar is a static neutralizing bar designed to control static electricity that is caused by contact and separation between surfaces in a manufacturing environment. With energy from Botron's B487000 HV Power Supply (sold



separately) on the emitters, ionization is formed between the emitter points and ground. A current limiting capacitor reduces the energy level below the threshold of shock to operators.

Item#	Description
B488000	Static Bar
B487000	HV Power Supply

Ionizing Bars

ScorplON® High Performance Ionization Bar—Tungsten or Ultra Clean

Simco's High Performance Ionization Bar features patented digital technology providing the finest operational stability in the industry.

Features

- **User interface allows remote system monitoring and control**
- **Fastest static control**
- **IR remote control setup**
- **24V DC input**

Specifications:

- ✦ Size: (W x H x D) - 2.95"H x 1.89"W x varied length
- ✦ Discharge time: 1000 - 100V <10 seconds at 24"
- ✦ Emitters: Tungsten optional
- ✦ Power Input: 24 VDC

Item#	Description
40011546	18" ScorplON Bar with 7 Tungsten emitters
40011547	24" ScorplON Bar with 7 Tungsten emitters
40011548	36" ScorplON Bar with 11 Tungsten emitters
40011549	44" ScorplON Bar with 15 Tungsten emitters
40011550	64" ScorplON Bar with 19 Tungsten emitters
5051328	ScorplON Power Supply Kit, 120V, 60Hz
4011574	ScorplON IR Remote Controller

- ✦ Operating Modes: Electable steady state or pulse DC
- ✦ Indicators:
Two bi-color LED's on front panel.
Green indicates respective polarity and duration of ion output.
Rapid flashing indicates IR communications.
Red indicates a fault condition.



Supplied with easy mounting hardware. Requires ScorplON Power Supply Kit and IR Remote.

ScorplON® High Performance Ionization Bar—Ultra Clean

Same specifications as above except with Germanium Emitters for ultra clean requirements.

Item#	Description
4015454	18" ScorplON Bar with 7 Ultraclean emitters
4015455	24" ScorplON Bar with 7 Ultraclean emitters
4015456	36" ScorplON Bar with 11 Ultraclean emitters
4015457	44" ScorplON Bar with 15 Ultraclean emitters
4015458	64" ScorplON Bar with 19 Ultraclean emitters
5051328	ScorplON Power Supply Kit, 120V, 60Hz
4011574	ScorplON IR Remote Controller

FusION® Compact Bi-Polar Air Ionizing Bar—Tungsten



The **FusION®** is a bi-polar air ionizer capable of controlling electrostatic charge in the local area. Applications include tools, mini-environments, and local load ports. It is especially well suited for applications with space constraints and low clearance.

Features:

- **Auto Regulating -- patented**
- **Easy to install and operate**
- **Compact design**
- **System Integration Compatible**
- **Optional Fan**
- **Tungsten emitters**

Specifications:

- ✦ Size: (H x W x L) - 3"H x 1.9"W x 3.8"L (7.5 x 4.8 x 9.8 cm)
- ✦ Weight: 8 oz. (227 gm.)
- ✦ Discharge time: 1000 - 100V <10 seconds at 6"
- ✦ Emitters: 4 100% Tungsten
- ✦ Power Input : 24 VDC
- ✦ Operating Mode: Steady-state DC

Item#	Description
4010577	FusION Compact Bi-Polar Air Ionizer-Tungsten
4010447	FusION Fan Assembly

Ionizing Fans & Blowers

Aerostat® Guardian™ Overhead Ionizer

The **Aerostat® Guardian™** by **Simco®** provides fast static charge decay efficiency over an entire work surface area. Equipped with task lighting, an ionization indicator light, and an integrated heater, it offers user-friendly operation while effectively protecting even the most sensitive components from ESD damage. There are three blowers. Effective Coverage 2'-4'.



Item#	Description
4004063	Aerostat Guardian Overhead Ionizer

Aerostat® XC Extended Benchtop Ionizing Blower

The **Aerostat® XC Extended Coverage Ionizing Air Blower** by **Simco®** provides excellent coverage, stability of balance, and rapid static charge decay times. The XC neutralizes static across an entire 3 x 6 ft. benchtop area.



Specifications:

- ✦ Power Requirements 120V, 60 Hz, .9A or 230V, 50 Hz, .45A
- ✦ Size (W x H x D) 15 3/8 in. x 4 1/2 in. x 8 1/8 in.
- ✦ Weight 17.7 lbs.
- ✦ Ion Balance ±5 volts
- ✦ Area Volume Output 70 cfm (low) 95 cfm (medium) 120cfm (high)
- ✦ Effective Coverage 3' x 6' area
- ✦ Discharge Time (5000V to 500V at 1 1.5 seconds
- ✦ Integrated Power Supply
- ✦ Built-in Emitter Point Cleaner

Item#	Description
4002612	Aerostat XC Extended Ionizing Blower

Guardian™ CR2000 Cleanroom Overhead Ionizer

Designed specifically for use in critical cleanroom applications, the **Guardian™ CR2000** by **Simco®** features a patented circuit that results in balanced delivery of positive and negative ions, which ensures that the unit will maintain an ion balance of 0 +/-5V. Balance stability is further enhanced by use of SIMCO's innovative "ion shields" at the fan outputs to reduce parasitic ion loss



Fan assemblies are run-in and particle-tested to 10% of class 10 (209E; ISO class 4) particle limits. All units are final assembled, vacuum sealed and packaged in our cleanroom.

The **Guardian™ CR2000** comes equipped with **Simco's®** patented built-in emitter point cleaners. A lockout switch to prevent tampering with the desired performance level, built-in monitor and an outlet to daisy-chain up to 10 units are standard.

Item#	Description
4008630	Guardian CR200 OH Ionizer

Volume Static Eliminator Benchtop Ionizer

The **Chapman VSE 3000 Volume Static Eliminator** (manufactured by **Simco®**) is an efficient workstation ionizer which effectively eliminates electrostatic charges quickly and reliably. The VSE 3000's variable speed fan and integral air flow diffuser floods the entire workstation with static eliminating ions for superior performance.



Reliable ion balance is maintained even during input voltage fluctuation occurrences. The VSE 3000's patented self-balancing circuitry maintains a balance range of 0+/-5V. Exceptionally quiet, the unit delivers a powerful air flow with low energy loss. Noise levels are low due to sophisticated sound absorbing materials. Individually-controlled heater provides operator comfort

Item#	Description
10735-001	Volume Static Eliminator Ionizer

Ionizing Fans & Blowers

Aerostat® PC™ Static Control Benchtop Blower

Distinguished by its variable speed control and patented emitter point cleaner, **Simco's Aerostat® PC™** is an excellent choice for static elimination in production processes. While helping to protect products and personnel from the effects of static discharge, the Aerostat PC is lightweight, small, and quiet - making it easy for the user to direct the ionization where it is needed.

Features include:

- **Fast, targeted neutralization of static charges**
- **Lightweight, compact and quiet for unobtrusive use**
- **Built-in point cleaner simplifies maintenance**
- **Variable speed fan for airflow control**
- **Status lamp indicates high voltage is present at the emitter points**
- **Integrated heater for warm air flow if desired**

Item#	Description
4003367	Aerostat PC Static Control Blower

Specifications:

- ✦ Power Requirements: 120 VAC, 60 Hz
- ✦ 0.1 Amp (fan speed low)
- ✦ 1.7 Amp (fan speed high)
- ✦ Ion Balance +/-5 volts
- ✦ Weight 5.3lbs. (2.4kg)
- ✦ Air Volume Output 35CFM - 70CFM
- ✦ Size 5 1/2" x 8 5/8" x 3 1/4" (WxHxD)
- ✦ Effective Coverage 1' x 5' area
- ✦ Heated Air Temperature: Fan Speed Low: 25°F (14°C) above ambient
- ✦ Fan Speed High: 11°F (6°C) above ambient
- ✦ Discharge Time 1.0 seconds at 1'; fan speed high (5000V to 500V)
- ✦ Part Numbers: Aerostat PC



minION2™ Ionizing Air Blower

Simco's® small **minION2™** ionizing air blower is designed to control ESD in semiconductor and electronics manufacturing equipment and for benchtop applications requiring high performance in a small package. Using steady state DC corona ion technology, the **minION2™** features active self-monitoring to ensure controlled, consistent ion output.

Performance is enhanced by **Simco's®** patent-pending radial emitter pin array design with a six-emitter configuration. Unique geometry and airflow control provide true next-generation performance, meeting the demands of critical semiconductor equipment manufacturers with corona ion technology.

The standard **minION2™** configuration allows for incoming air from the back, two sides and the top of the enclosure. In an optional configuration, the back is completely closed and air enters from the two sides and top of the unit. This configuration is especially useful for space-constrained applications, allowing the **minION2™** to be mounted flush against a wall or equipment enclosure housing.

Specifications:

- ✦ Emitters: 6 - Stainless Steel
- ✦ OFF/ON: Two position switch.
- ✦ Fan Speed: Recessed potentiometer.
- ✦ Indicator: Green-power; Red-fault
- ✦ Connectors: Two RJ-11/power; Plug
- ✦ Type terminal block
- ✦ Power and fault signal
- ✦ Dimensions: 98 x 136 x 60mm (3 7/8 x 5 3/8 x 2 3/8 inches)
- ✦ Weight: 0.5 kg (1.1lb.)
- ✦ Color: White



Item#	Description
4011425	minION2 Ionizing Air Blower

Ionizing Fans & Blowers

Overhead Ionizers

High Frequency Ionization equipment brings both performance and reliability to the workstation. The snap on fan grills make for stress free easy maintenance. There is no need to remove screws for use tools to access the fan blades and emitter pins.

Features

- Slim light weight design
- Abnormal HV alarm
- Rust free
- Adjustable fan speed
- Removable fan grills
- Does not need calibration
- Green & Red LED Indicators
- Adjustable Air Flow Knob



Item#	Description
B486102	2 Fan Overhead Ionizer
B486103	3 Fan Overhead Ionizer
B486104	4 Fan Overhead Ionizer

Bench Top Ionizers

Dual Fan Bench Top Ionizer

- Dual Fans
- Abnormal HV alarm
- Versatile and portable
- Adjustable blowing angle
- Adjustable fan speed



B486150



B486121

Single Fan High Frequency Bench Top Ionizer

- Light weight and compact design
- Abnormal HV alarm
- Versatile and portable
- Adjustable blowing angle
- Adjustable fan speed



B486110

Small High Frequency Bench Top Ionizer

- Adjustable Blowing Angle
- Quick Access Clip Design
- Green and Red LED Indicator
- Abnormal HV alarm

Item#	Description
B486150	Two Fan Hi Frequency Ionizer
B486121	Single Fan Hi Frequency Ionizer
B486110	Small Hi Frequency Ionizer



Bench Mini Blower

Features:

- IsoStat® Technology
- Compact Size
- Steady-state DC ion emission
- Auto Clean System

- Alarm relay closure circuitry
- Multicolor LED indicator

Item#	Description
B486420	Bench Mini Blower

Safety Shoes

ESD Cleanroom Men's Shoe

These **Soft Toe Athletic ESD Shoes** by **Nautilus®** have many features which are useful for cleanroom use.

- Full-grain, water resistant leather upper
- Soft leather lining to reduce particulates for Clean Environments
- Removable anti-fatigue polyurethane insole
- Highly durable, non-marking, slip and oil resistant polyurethane outsole

- No exposed metal to meet scratch resistant workplace requirement
- Meets or exceeds ASTM 2413-05 standard for SD Type 1 footwear
- Medium, wide and extra wide widths in sizes 7-12,13, 14, 15



Item#	Description	Packed
N4033	ESD Cleanroom Men's Shoe	1 pair per carton

ESD Cleanroom Women's Shoe

These **Soft Toe Athletic ESD shoes** by **Nautilus®** offer ESD safety in a cleanroom environment, and have many features.

- Full-grain, water resistant leather upper
- Soft leather lining to reduce particulates for Clean Environments
- Removable anti-fatigue polyurethane insole
- Highly durable, non-marking, slip and oil-resistant polyurethane outsole

- No exposed metal to meet scratch resistant workplace requirement
- Meets or exceeds ASTM 2413-05 standard for SD Type 1 footwear
- Medium and wide widths in sizes 5-10,11,12



Item#	Description	Packed
N4038	ESD Cleanroom Women's Shoe	1 pair per carton

ESD Cleanroom Women's Slip-On Shoe

This **Women's Soft Toe Slip-On ESD Shoe** by **Nautilus®** offers comfort and is suitable for cleanroom use.

- Full-grain, water resistant leather upper
- Soft-leather lining to reduce particulates for clean environments
- Removable anti-fatigue polyurethane insole
- Highly durable, non-marking, slip and oil-resistant polyurethane outsole

- No exposed metal to meet scratch resistant workplace requirement
- Meets or exceeds ASTM 2413-05 SD ratings
- Medium, wide sizes 5-10, 11, 12



Item#	Description	Packed
N4603	ESD Cleanroom Women's Shoe	1 pair per carton

Safety Shoes

ESD Men's Steel Toe Athletic Shoe

This **Athletic Shoe with Steel Toe** by Nautilus® is very comfortable and has the following safety features.

- Full-grain, water resistant leather upper
- Ergonomically designed "wide area" steel toe cap
- Removable anti-fatigue polyurethane insole
- EVA midsole for maximum comfort
- Highly durable, slip and oil resistant, non-marking stabilizer outsole

- No exposed metal to meet scratch resistant workplace requirement
- Meets or exceeds ASTM 2413-05 impact/compression and SD ratings
- Medium and wide, and extra wide widths in sizes 7-12, 13, 14, 15



Item#	Description	Packed
N1306	ESD Men's Steel Toe Shoe	1 pair per carton

Women's Composite Safety Toe Athletic Shoe

These **Athletic Shoes** by Nautilus® a composite safety toe cap and fiberglass shank for support and stability.

- Full-grain and action leather upper
- Composite safety toe cap
- Removable dual density insole
- EVA midsole for maximum comfort
- Rubber slip and oil-resistant aggressive grip outsole

- TPU side support for stabilization
- Fiberglass shank for support and stability
- No exposed metal to meet scratch resistant workplace requirements
- Meets or exceeds ASTM 2413-05 impact/compression and EH ratings
- Medium and wide sizes 6-10, 11

Item#	Description	Packed
N1756	Women's Safety Toe Athletic Shoe	1 pair per ctn.

Floor Mats - ESD

V Groove Floor Mats



Solid 1/8" thick gray vinyl V-Groove floor mat. Pattern helps create a non-slip area. Available in workstation size of 3' x 5', complete with floor ground (B9701). And a runner size of 3' x 60' and 4' x 60'. Custom lengths available.

- Durable 1/8" thick vinyl
- Dissipative Top Layer
- Non-slip design

Item#	Description
BV435	3' x 5' Mat w/hardware
BV4360	3' x 60' Gray Runner
BV4460	4' x 60' Gray Runner

Solid Rubber Floor Mats

Smooth Top Rubber Mats and runners are soil resistant mats, 1/8" thick and also available with or without 1/2" or 8/8" foam anti-fatigue backing. They both exceed both EOS/ESD and Department of Defense requirements. Available in Black runners and pre-cut floor mats with molded edges and grounding hardware.

- Smooth Top
- Easy to Clean
- Soil Resistant

Item#	Description
B4323	2' x 3' Conductive Mat w/hardware
B4335	3' x 5' Conductive Mat w/hardware
B43375	3' x 75' Conductive Runner
B43475	4' x 75' Conductive Runner

Mats - ESD Table Matting

2 - Layer Dissipative Rubber Mat

Type T2 Rubber Table Mat

dual layer design provides excellent electricals and durability. It will withstand hot solder and chemical abrasion. It exceeds both EOS/ESD and Department of Defense requirements. All pre-cut mats come with attached snap and one B9703 common point ground.



Item#		Description	
Green	Blue	Gray	T2 Two Layer Mat
B6223	B6123	B5423	2' x 3' Mat w/hardware
B6224	B6124	B6424	2' x 4' Mat w/hardware
B6225	B6125	B6425	2' x 5' Mat w/hardware
B62304	B61304	B64304	30" x 4' Mat w/hardware
B62250	B61250	B54250	2' x 50' 2 Layer roll
B62350	B61350	B54350	3' x 50' 2 Layer roll
B62450	B61450	B64450	4' x 50' 2 Layer roll
B623050	B613050	B543050	30" x 50' 2 Layer roll

Type B+ Dissipative Vinyl Mat

Type B+ Mat is a solid vinyl design that provides excellent electricals and superior durability. Being constructed of solid vinyl means it's not only durable but it is also reversible. Type B+ durable solid vinyl table mat is .090" thick. 50' long rolls are available in widths of 2', 30", 3' and 4'. Also in many pre cut sizes with grounding hardware and common point ground. Color is Light Blue. Meets EOS/ESD standards.

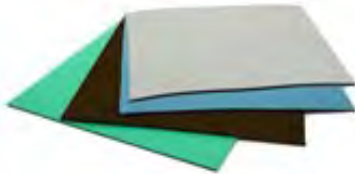


Item#	Description
Blue	
B5123	2' x 3' Mat with hardware
B5124	2' x 4' Mat with hardware
B5125	2' x 5' Mat with hardware
B51304	30" x 4' Mat with hardware
B51250	2' x 50' 2 Layer roll
B513050	3' x 50' 2 Layer roll
B51350	4' x 50' 2 Layer roll
B51450	30" x 50' 2 Layer roll

3 - Layer Dissipative Rubber Mat

Type T3 dissipative three layer rubber table mat is .120" thick. IT is reversible with a static

dissipative top, foam center and black conductive underside. It will not burn and is chemical resistant. 50' long rolls are available in widths of 2', 30", 3', and 4'. It is also available in many pre-cut sizes with grounding hardware and common point ground. Choose from Blue, Gray, Green and Brown colors. All Mats meet EOS/ESD standards.



Item#		Description		
Green	Blue	Gray	Brown	T3 Three Layer Mat
B3223	B3134	B3423	B3623	2' x 3' Mat w/hardware
B3224	B3124	B3450	B3624	2' x 4' Mat w/hardware
B3225	B3125	B3425	B3625	2' x 5' Mat w/hardware
B32304	B31304	B34304	B36304	30" x 4' Mat w/hardware
B32250	B31250	B34250	B36250	2' x 50' 3 Layer roll
B32350	B31350	B34350	B36350	3' x 50' 3 Layer roll
B32450	B31450	B34450	B36450	4' x 50' 3 Layer roll
B323050	B313050	B343050	B363050	30" x 50' 3 Layer roll

Storage

AkroBins®

AkroBins® ESD Storage Bins, are molded from ESD material that dissipates electrostatic charges. **AkroBins** stack on shelves & hang on **Akro-Mils** racks, panels, and rails.

A guaranteed guard against electrostatic discharge. Molded from ESD material, Akro-Mils line of ESD containers dissipate electrostatic charges which can severely damage sensitive electronic components. Superior to conductive containers which possess a high risk of damage from uncontrolled discharges, our ESD containers provide the highest degree of protection available. ESD containers are unaffected by weak acids and alkalis. Sturdy one-piece construction is water, rust, corrosion proof, and heat resistant to 300°F.

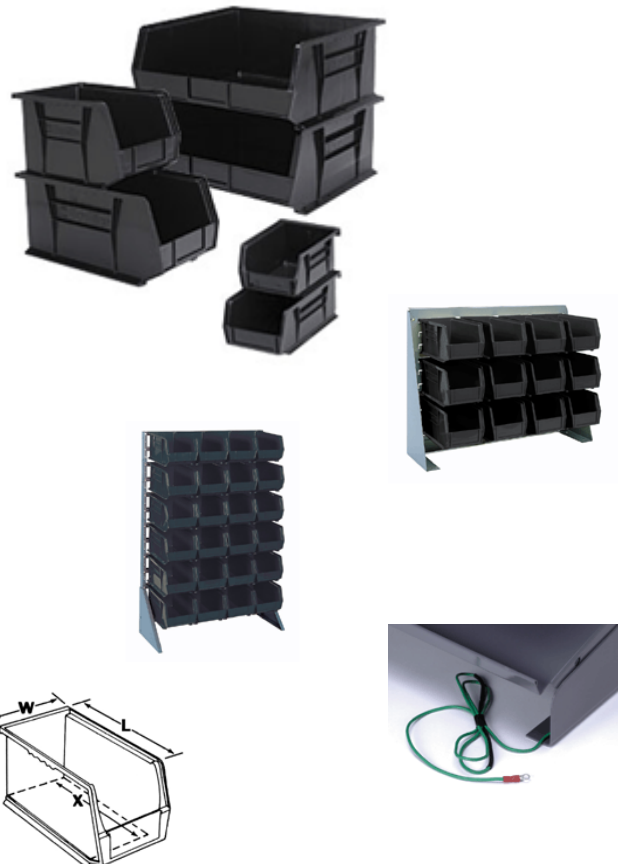
The advantages of ESD material. Consistent dissipative ESD protection. 106 to 109 ohms/sq. Latest technology and best ESD protection available. Permanent ESD protection will not wash off or wear out. Tough and durable impact resistant plastic. Low sloughing, clean room compatible. 1% - 2% carbon black. Priced competitively with older technology based conductive products.

Features

- Consistent, uniform surface resistivities in the static dissipative range of 106-109 ohms sq.
- ESD version in black only

Optional

- Grounding wire 98100 - Designed to convert existing Akro-Mils racks and hanging systems. Conducts static charges away from the storage system.



Model #	O.D. L"xW"xH"	I.D. Length In.	I.D. Width In.	I.D. Height In.	Bin Load Capacity On Rack	Ctn Qty.
30210ESD	5-3/8 x 4-1/8 x 3	4-3/4	3-7/16	2-13/16	10 lbs.	24
30220ESD	7-3/8 x 4-1/8 x 3	6-3/4	3-7/16	2-13/16	10 lbs.	24
30230ESD	10-7/8 x 5-1/2 x 5	10-1/4	4-3/8	4-3/4	30 lbs.	12
30235ESD	10-7/8 x 11 x 5	10-1/4	10	4-3/4	50 lbs.	6
30240ESD	14-3/4 x 8-1/4 x 7	14	6-9/16	6-3/4	60 lbs.	12

Storage

1800 Series AkroBins®

- Strong, durable copolymer polypropylene construction
- Storage Systems for large, heavy and bulky items
- One black cross-wise divider included per bin
- Color: Beige



ESD Containers

- **Akro-Mils ESD** containers dissipate electrostatic charges which can severely damage sensitive electronic components



ESD
Container



ESD Grounding
Wire 98100

Economy Bins

- Versatile Economy Bins make full use of shelf depth on 12" or 18" deep shelving and stack to full space between shelves
- The only small parts bin that can nest and stack
- Molded from copolymer polypropylene
- Generous opening allows easy access to stacked items

1800 Series	Outside Dimensions						Inside Dimensions								Bin Ctn. Qty	Dividers	Pkg. Qty	Capacity
	inches			mm			inches				mm							
Model No.	L	W	H	L	W	H	L	W	H	X	L	W	H	X				
303488BEIGE	20½	8¼	7	521	210	178	20	7¾	6½	20	508	187	165	508	6	40348(3)	6	60 lbs.
30358BEIGE	20½	11	7	521	279	178	20	10¼	6½	20	508	257	165	508	6	40358(3)	6	75 lbs.

ESDs	Outside Dimensions						Inside Dimensions								Cap. On Rack	Ctn. Qty
	L	W	H	L	W	H	L	W	H	X	L	W	H	X		
Model No.	L	W	H	L	W	H	L	W	H	X	L	W	H	X		
30210ESD	5¾	4¾	3	137	105	76	4¾	3-7/16	2-13/16	4	120	87	71	102	10 lbs.	24
30220ESD	7¾	4¾	3	187	105	76	6¾	3-7/16	2-13/16	6	171	87	71	152	10 lbs.	24
30230ESD	10¾	5½	5	276	140	127	10¾	4¾	4¾	9	260	111	121	229	30 lbs.	12
30235ESD	10¾	11	5	276	279	127	10¾	10	4¾	9	260	254	121	229	50 lbs.	6
30240ESD	14¾	8¼	7	375	210	178	14	6-9/16	6¾	12	356	167	171	305	60 lbs.	12

Economy	Outside Dimensions						Inside Dimensions								Ctn. Qty
	L	W	H	L	W	H	L	W	H	L	W	H			
Model No.	L	W	H	L	W	H	L	W	H	L	W	H			
30796BLACK	8¾	6¾	5	225	168	127	6-3/25	4	4-9/10	155	102	124	10		
30716BLACK	11¾	6¾	5	302	168	127	9-3/25	4	4-9/10	235	102	124	10		
30776BLACK	17¾	6¾	7	454	168	178	14-8/9	3-4/5	6-9/10	373	97	175	10		
30718BLACK	11¾	8¾	5	302	213	127	9	5¾	4-9/10	229	146	124	8		
30778BLACK	17¾	8¾	7	454	213	178	14-4/5	5½	6-9/10	376	140	175	8		



Storage

Eagle® Tote Boxes and Tote Box Accessories

ESD Tote Boxes

- Heavy duty molded boxes protect contents (typically electronic components) from electromagnetic interface (EMI), electrostatic or induced fields.
- Made of black conductive material-carbon filled copolymer polypropylene that delivers a barrier which the aforesaid fields cannot penetrate and prevents buildup of electrostatic charge.
- Surface resistivity less than 10⁵ ohms per square.
- Fits tote box carriers
- 100 lb. (45.4 kg.) load capacity
- Containers can be divided into compartments by length and/or width on 1 1/8" (29 mm) centers

Dividers

- Made of permanently conductive material
- Unaffected by washing with normal cleaners
- Available in heavy duty and insert styles

Card Holders

- Static dissipative
- Transparent blue vinyl material



ESD Tote Boxes Model No.	Outside Dimensions						Max. Divider Boxes				Weight lbs./kg
	inches			mm			inches		mm		
	L	W	H	L	W	H	Long	Short	Long	Short	
TB1035XL	10.8"	8.5	3.5"	274	216	89	5"	7"	127	178	0.7/0.3
TB1050XL	10.8"	8.5	5"	274	216	127	5"	7"	127	178	0.9/0.4
TB2035XL	16.8"	10.9"	3.5	419	277	89	7"	11"	178	279	1.2/0.5
TB2060XL	16.8"	10.9"	6.0"	419	277	152	7"	11"	178	279	1.6/0.7
TB2080XL	16.8"	10.9"	8.0"	419	277	203	7"	11"	178	279	2.0/0.9
TB3030XL*	22.4"	17.4"	3.0"	567	442	76	11"	15"	279	381	2.8/1.3
TB3060XL*	22.4"	17.4"	6.0"	567	442	152	11"	15"	279	381	3.5/1.6
TB3080XL*	22.4"	17.4"	8.0"	567	442	203	11"	15"	279	381	4.1/1.9
TB3120XL*	22.4"	17.4"	12.0"	567	442	305	11"	15"	279	381	6.0/2.7

*Only these tote boxes fit the Non-Adjustable Tote Box Carriers

Dividers

Long Dividers		Short Dividers		
Model#	Max Qty.	Model #	Max. Qty.	Fits Tote Box#
DL1035-XL	5	DS1035-XL	7	TB1035XL
DL1050-XL	5	DS1050-XL	7	TB1050XL
DL2035-XL	7	DS2035-XL	11	TB2035XL
DL2060-XL	7	DS2060-XL	11	TB2060XL
DL2080-XL	7	DS2080-XL	11	TB2080XL
DL3030-XL	11	DS3030-XL	11	TB3030XL
DL3060-XL	11	DS3060-XL	11	TB3060XL
DL3080-XL	11	DS3080-XL	11	TB3080XL
DL3120-XL	11	DS3120-XL	11	TB3120XL



Dividers



Covers

Covers

Item	Fits Tote Box	Wt.
CTB1000-XL	TB1000 Series	0.2/0.09
CTB2000-XL	TB2000 Series	0.5/1.22
CTB3000-XL	TB3000 Series	1.2/0.54

Card Holders

Item	Inches	mm
CH28S	2" x 8"	51 x 203
CH35S	3" x 5"	76 x 127
CH58S	5" x 8"	127 x 203

Storage

Eagle® Molded Fiberglass ESD Boxes and Trays

Molded Fiberglass ESD Boxes

- Made of thermoset polyester composite material
- Flame and chemical resistant
- Stackable for maximum storage efficiency
- Lid available to fit all boxes

Molded Fiberglass ESD Tray

- Made of thermoset polyester composite material
- Flame and chemical resistant



Fiberglass ESD Boxes

Outside Dimensions
inches mm

Item	Description	L	W	L	W	Depth
A208510	Stacking Box	24 7/8"	18"	632	457	3 3/16"
A208511	Stacking Box	24 7/8"	18"	632	457	4.5"/114
A208512	Stacking Box	24 7/8"	18"	632	457	6"/152
A208514	Lid	24 7/8"	18"	632	457	-
A208509	Fiberglass ESD Tray	24 7/8"	18"	632	457	-

Fiberglass ESD Tray

Outside Dimensions
inches mm

Item	Description	L	W	L	W	Depth
A208509	ESD Fiberglass Tray	24 7/8"	18"	632	457	1 1/8"/29

Topical Antistat Spray

I.C. Topical Antistat Spray

IC Topical Antistat is a general purpose antistatic agent. Used to eliminate static charge buildup on plastics, boxes, carpets and other static generating materials. Shipped to you in ESD Safe Bottles at no additional charge. Helps to meet ESDTR20.20- 2000. Also available in 55 Gallon Drums.



Item	Description
RR-ICAS-2	Topical Antistat 2-oz. Bottle w/Sprayer
RR-ICAS-16-ESD	Topical Antistat 16 oz. Bottle w/Sprayer
RR-ICAS-32-ESD	Topical Antistat 32 oz. Bottle w/Sprayer
RR-ICAS-Gallon	Topical Antistat Gallon Bottle

Static Dissipative Hand Lotion

Static Dissipative, Non-Contaminating I.C. Hand Lotion is enriched with Aloe Vera and vitamins A, D and E. This non-acidic lotion promotes softer, healthier hands and nails.



- **Static Dissipative**— Helps in keeping skin moist for better contact between your wrist strap and your skin.
- **Non-Contaminating**—Contains no glycerin, mineral oil, silicones or lanolin
- **Absorbs** immediately and is completely non-greasy so as not to interfere with your grip or dexterity
- **Helps** to meet requirements for ESD-TR20.20-2000.

Item#	Description
RR-ICL-8	IC Hand Lotion 8 oz.
RR-ICL-32	IC Hand Lotion 32 oz.
RR-ICL-GAL	IC Hand Lotion — Static Dissipative Gallon
RR-ICL-1-TUBE	IC Hand Lotion 1 oz.
RR-ICL-8-ESD	IC Hand Lotion— Static Dissipative 8 oz.
RR-ICL-16-ESD	IC Hand Lotion— Static Dissipative 8 oz.

Disposable Apparel

NCI offers a wide variety of cleanroom apparel for the controlled environments to protect your cleanroom process. From Class 100,000 to Class 10, our **apparel** and **reusable garments** will meet and/or exceed your needs. From head to toe NCI has the cleanroom apparel for you in either **Reusable-Launderable Garments** or **Disposable Apparel**. For bouffant caps or hoods, frocks, coveralls, aprons, shoe covers or boot covers and sleeves, NCI has you covered.



Aprons

Tychem® QC Apron, Bib Style	N-2
Tychem® Long Sleeve Apron	N-2
Tyvek® Bib Style Apron	N-2
Vinyl Diecut Long Apron	N-3
Vinyl Apron, Bib Style	N-3
Polyethylene Apron	N-3
Vinyl Coat Apron	N-3
Vinyl PVC Apron	N-4
Urethane/Nylon Full Length Apron	N-4
Keyguard® Apron	N-4

Beard Covers

Beard Cover - Polypropylene	N-4
Beard Net	N-4

Boot Covers

Tyvek® Boot Covers	N-5
IsoClean® Clean Processed Boot Covers	N-5
Tyvek® Non-Sterile Boot Covers	N-5

Bouffant Cap

Polypropylene Bouffant Cap	N-6
Polypropylene Bouffant Cap Large Case	N-6
Laminated Polypropylene Cap	N-6

Coveralls

Tyvek® CR Coverall	N-7
IsoClean® CR Coverall	N-7
Tyvek® Bunny Suit	N-8
Tyvek® Disposable Coverall	N-8
Tyvek® Hooded Coverall	N-8
IsoClean® Bunny Suit	N-9
IsoClean® Mandarin Collar Coverall	N-10
ProClean® Coverall, Bound Neck	N-11
Keystone® Poly. Coverall-Lightweight	N-12
Keystone® Poly. Heavy Duty Coverall	N-12
Keystone® Tyvek® Coveralls	N-12
Keyguard® Coverall	N-12

Face Masks

Precept Face Masks	N-13
Kimberly Clark® Face Masks	N-14

Frocks

Comfort Clean Breathable Frock	N-15
IsoClean® Frock	N-15
Tyvek® Frock, With Collar	N-16
Tyvek® Frock, With Collar, Gussets	N-16
Tyvek® Frock, Collar, 5 Snaps	N-16
Tyvek® Frock, Mandarin Collar	N-17
Tyvek® Cleanroom Shirt	N-17
Tyvek® Cleanroom Pants	N-17
Keystone® Poly. Lab Coats	N-18

Gowns

Precept® Isolation Gowns	N-19
Precept® Polypropylene Gown	N-19
Precept® Impervious Protection Gown	N-19
Precept® FluidGard™ Proc. Gown	N-19

Hairnets

N-19

Hoods

IsoClean® Tyvek® Full Face Hood	N-20
IsoClean® Tyvek® Eyes Only Hood	N-20
ProClean® Full Face Hood	N-20

Shoe Covers

Tyvek® Shoe Cover, Non-Skid	N-20
Non-Skid Shoe Covers	N-21
Tyvek® Shoe Cover w/Vinyl Sole	N-21
Non Particulating Poly. Shoe Cover	N-21
Conductive Shoe Cover, Non-Skid	N-21
Latex Free Shoe Cover, Poly.	N-21
Coated Poly. Shoe Covers	N-21
Conductive Shoe Covers	N-22

Sleeves

Keystone® Arm Guards	N-22
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Disposable Aprons

Tychem® QC Apron, Bib Style Universal Size

Universal size apron, 28" x 36", bib style with bound neck and ties. Made with **Tychem® QC material**, a **DuPont™ Tyvek®** protective fabric coated with 1.25 mils of polyethylene. It is reliable protection for minor chemical spills and where there is a potential for mist or light splash. Color is bright yellow.

Item#	Description	Packed
QC273B	Tychem Bib Apron	24 Units per case



Tychem®
Universal Apron

Tychem® Apron, Long Sleeve, Open Back, Sizes SM-2XL

Tychem® QC is a **DuPont™ Tyvek®** protective fabric coated with 1.25 mils of polyethylene. It is reliable protection for minor chemical spills and where there is a potential for mist or light splash. Long sleeve apron, open back, elastic wrists, tightly bound seams with reinforced outer binding to increase seam strength and particle barrier. There are ties at the waist, and a snap at the neck. Color is yellow. Approximate size is 26" x 44" long, see below for all sizes available. Also available in 52" length, contact **NCI** for more information.

Item#	Description	Packing
QC275B-S	Apron-Small, Long Sleeve, Open Back, Urethane	25 per case
QC275B-M	Apron-Medium, Long Sleeve, Open Back, Urethane	25 per case
QC275B-L	Apron-Large, Long Sleeve, Open Back, Urethane	25 per case
QC275B-XL	Apron-X Large, Long Sleeve, Open Back, Urethane	25 per case
QC275B-2X	Apron-2XLarge, Long Sleeve, Open Back, Urethane	25 per case



Tychem® Long Sleeve Apron

Tyvek® Apron, Bib Style

Tyvek® by DuPont™ is flashspun polyolefin, a unique, nonwoven material resistant to penetration. It is chemically and biologically inert, low linting and anti-static treated. The apron is bib style in white, 28" x 36" (Regular) made of Tyvek material with tightly bound, reinforced outer binding, serged seams, bound neck and ties. Universal in Size. Also available in longer length, 28" x 44" (Long).

Item#	Description	Packed
TY273S	Tyvek Apron, Regular	100 Units per case
TY274B	Tyvek Apron, Long	100 Units per case



Tyvek®
Apron

Disposable Aprons

Vinyl Apron—Die Cut

Virgin high-quality vinyl material provides excellent resistance to acids, alkalis, solvents, chemicals, oils, fats, grease. Provides low cost protection. Material is die cut 6 mil vinyl apron. 35" x 42" long. Also available in 45", 48", 50" and 55" lengths. Call NCI for availability.



Item#	Description	Packed
UE6B-42	Vinyl Apron—Die Cut	12 Units per case

Vinyl Apron

Made from the highest quality virgin vinyl 6 mil thickness. Combines flexibility and resistance to most acids, solvents, chemicals, grease, punctures and abrasion. Nylon neck and waist ties are extra long and have plastic tips to prevent fraying. Edges are hemmed, blue in color. 35" x 42" long. Also available in 45", 48", and 55" lengths.

Many different lengths and styles are available. Contact NCI for more information.



Item#	Description	Packed
UHB-42	Vinyl Apron	12 Units per case

Polyethylene Apron

Polyethylene has excellent flexibility and resistance to chemicals, oils, fats and grease. This 1.5 mil disposable apron, 28" x 46" will provide low cost protection. Wear them once and throw them away. Smooth styles are easy to wipe down and keep clean. Also available in 55" length. Made from FDA accepted materials for use in all food handling applications.



Item#	Description	Packed
UDP-46-W	Polyethylene Apron	100 Units per bag, 10/case

Vinyl Coat Apron

Full length vinyl coat apron, in blue or white. Made of 6 mil vinyl.



Item#	Description	Packed
AP-PVC-CA	Vinyl Coat Apron	12 Units per bag, 72/case

Disposable Aprons

Vinyl PVC Apron

Waterproof, durable, and tear-resistant with reinforced grommets in sizes: small 35" x 45", medium 35" x 48", large 35" x 50", XL 35" x 55". Available in white, blue, clear. Thickness: 4 mil, 6 mil, 8 mil. Finish: sewn edge. State color.



Keyguard® Apron

Keyguard® is an alternative to Tyvek®. This apron has extra long ties, and is 28" x 36". Available in white.

Item#	Description	Packed
AP-KG	Keyguard® Apron	24 Units per case

Item#	Description	Packed
AP-PVC-45-4	Vinyl Apron, Small, 4 mil	12/bag, 72 per case
AP-PVC-48-4	Vinyl Apron, Medium, 4 mil	12/bag, 72 per case
AP-PVC-50-4	Vinyl Apron, Large, 4 mil	12/bag, 72 per case
AP-PVC-55-4	Vinyl Apron, XL, 4 mil	12/bag, 72 per case
AP-PVC-45-6	Vinyl Apron, Small, 6 mil	12/bag, 72 per case
AP-PVC-48-6	Vinyl Apron, Medium, 6 mil	12/bag, 72 per case
AP-PVC-50-6	Vinyl Apron, Large, 6 mil	12/bag, 72 per case
AP-PVC-55-6	Vinyl Apron, XL, 6 mil	12/bag, 72 per case
AP-PVC-45-8	Vinyl Apron, Small, 8 mil	12/bag, 72 per case
AP-PVC-48-8	Vinyl Apron, Medium, 8 mil	12/bag, 72 per case
AP-PVC-50-8	Vinyl Apron, Large, 8 mil	12/bag, 72 per case
AP-PVC-55-8	Vinyl Apron, XL, 8 mil	12/bag, 72 per case

Urethane/Nylon Full Length Apron

Full length Urethane/Nylon apron in yellow, or blue. Made of 6 mil urethane/nylon.



Beard Covers

Beard Cover

Beard Cover, soft spunbound polypropylene, comes in white. Latex Free.



Beard Cover

Item#	Description	Packed
BD-10W	Beard Cover	100/bag, 10 bags/case

Beard Net

Beard Net in white, 1/8" hole, nylon net (honeycomb). Latex Free.



Beard Net

Item#	Description	Packed
112HP	Beard Net	100/bag, 10 bags/box

Item#	Description	Packed
AP-U	Urethane/Nylon Apron	24 Units per case

Boot Covers

Cleanroom Boot Covers

Bound or Serged Seams Class 100-1000 (ISO5)

These boot covers are compatible with cleanrooms of a Class 100 (ISO 5) to 1000. Made of **Tyvek® IsoClean® material by DuPont™** which has an inherent barrier to particles, microorganisms and non-hazardous light liquid splash.

- 19" high
- PVC non-skid Sole
- Tunneled elastic top and ankles
- BOUND or SERGED SEAMS
- Individually packed
- Sterile, Clean Processed

Available in sizes Small to X-Large, state size.



Item#	Description	Packed	Type
IC458BOB	Boot Cover Class 1000 (ISO6) Bound Seams	200 Pieces (100 Pair) per case	Bulk
IC458BOC	Boot Cover Class 100 (ISO5), Bound Seams	200 Pieces (100 Pair) per case	Clean
IC458BCS	Boot Covers Class 100 (ISO5) Bound Seams	200 Pieces, 100 Pair) per case	Clean & Sterile
IC446SOB	Boot Cover Class 1000 (ISO6) Serged Seams	200 Pieces (100 Pair) per case	Bulk
IC446SOC	Boot Cover Class 100 (ISO5), Serged Seams	200 Pieces (100 Pair) per case	Clean
IC446SCS	Boot Covers Class 100 (ISO5) Serged Seams	200 Pieces, 100 Pair) per case	Clean & Sterile

Non-Sterile Boot Covers, Clean Processed

Made of Tyvek® IsoClean® material by DuPont™, these boot covers are 19" high with a Gripper™ sole, and are non-sterile, clean processed, individually packed . Choose between Serged or Bound seams. Available in sizes Small to X-Large, state size.

Item#	Description	Packed	Type
IC446BOC	Boot Covers with Bound Seams	200 Pieces (100 Pair) per case	Non-Sterile
IC458SOC	Boot Covers with Serged Seams	200 Pieces (100 Pair) per case	Non-Sterile



Non-Sterile Boot Covers, Bulk Packed

Made of Tyvek® IsoClean® material by DuPont™, these boot covers are 19" high with a Gripper™ sole, and are non-sterile, clean processed, bulk packed . Choose between Serged or Bound seams. Available in sizes Small to X-Large, state size.

Item#	Description	Packed	Type
IC446BOB	Boot Covers with Bound Seams	200 Pieces (100 Pair) per case	Non-Sterile
IC458SOB	Boot Covers with Serged Seams	200 Pieces (100 Pair) per case	Non-Sterile

Bouffant Caps

Bouffant Cap, Polypropylene

Bouffant cap, 21", or 24" white, Latex Free. This practical bouffant cap made of lightweight, breathable, non-woven material. The bouffant cap has a comfortable floss covered band. Available in white, blue or green. State color.

Item#	Description	Packed
BC-10-21W,B,G	Polypropylene Bouffant Cap 21"	100/bag, 10 bags/case
BC-10-24W,B,G	Polypropylene Bouffant Cap 24"	100/bag, 10 bags/case



Polypropylene Bouffant Cap

Bouffant Cap, Polypropylene Large Case Size

Bouffant cap, 21", 24", or 28" in white, Latex Free. This practical bouffant cap made of lightweight, breathable, non-woven material. The bouffant cap has a comfortable floss covered band, white. Larger case size.

Item#	Description	Packed
110NWI-30-21	Polypropylene Bouffant Cap 21"	100/bag, 30 bags/case
110NWI-30-24	Polypropylene Bouffant Cap 24"	100/bag, 30 bags/case
110NWI-30-28	Polypropylene Bouffant Cap 28"	100/bag, 30 bags/case



Polypropylene Bouffant Cap

Laminated Polypropylene Cap

This laminated polypropylene cap is impervious to liquids and water repellent. It comes in 21" or 24". Available in white, and is latex free.

Item#	Description	Packed
110NWP-21	Laminated Poly. Cap 21"	250 Units per case
110NWP-24	Laminated Poly. Cap 24"	250 Units per case



Laminated Polypropylene Cap

Cleanroom Coveralls

Cleanroom Disposable Coverall

- **Serged Seams**
- **Bulk Packed**
- **Excellent Containment**
- **Cost Effective**
- **For Moderate Cleanroom Use**

Cleanroom Disposable Coverall made of Tyvek® by DuPont™ with zipper front, lay down collar, open wrists and ankles. This Cleanroom Coverall has serged seams and is Bulk Packed 25 Units per Case.

Item#	Description	Packed
TY120S-S	CR Coverall, Small, Zipper, No Elastic	25 Units per case
TY120S-M	CR Coverall, Med., Zipper, No Elastic	25 Units per case
TY120S-L	CR Coverall, Large, Zipper, No Elastic	25 Units per case
TY120S-XL	CR Coverall, X-Large, Zipper, No Elastic	25 Units per case
TY120S-2XL	CR Coverall, 2XLarge, Zipper, No Elastic	25 Units per case
TY120S-3XL	CR Coverall, 3XLarge, Zipper, No Elastic	25 Units per case
TY120S-4XL	CR Coverall, 4XLarge, Zipper, No Elastic	25 Units per case
TY120S-5XL	CR Coverall, 5XLarge, Zipper, No Elastic	25 Units per case

Tyvek® is a unique, nonwoven material comprised of heat and pressure bonded polyethylene filaments. Resistant to penetration. **Tyvek®** is a highly effective contamination control fabric. It is chemically and biologically inert, low linting and static-free until it is laundered, and offers particle containment. These coveralls accommodate work positions common in cleanrooms.



DuPont™ Tyvek® IsoClean® Coveralls, Class 10 (ISO 4)

These **IsoClean® Cleanroom Coveralls by DuPont™** have serged seams, laydown collar, set sleeves, zipper front, elastic wrist and ankles. Color is white.

- IsoClean® is a unique patented flashspinning process creates an excellent barrier to dry particles, microorganisms and non-hazardous liquids
- Comfortable, lightweight and durable
- Clean-processed garments offer lowest level of particle shedding within DuPont™ product portfolio
- Serged with covered elastic options
- Recyclable

Item#	Description	Packed
IC181SOB-S	IsoClean® Coveralls, Small	Bulk
IC181SOB-M	IsoClean® Coveralls, Med	Bulk
IC181SOB-L	IsoClean® Coveralls, Large	Bulk
IC181SOB-XL	IsoClean® Coveralls, X-Large	Bulk
IC181SOB-2X	IsoClean® Coveralls, 2XLarge	Bulk
IC181SOB-3X	IsoClean® Coveralls, 3XLarge	Bulk
IC181SOB-4X	IsoClean® Coveralls, 4XLarge	Bulk

*See DuPont™
Sizing Chart on
Page N-11*

Packaging Options:

OB - Bulk Packaged in double transparent poly liners

OC - Clean Processed, Individually packaged in opaque bag, placed in double transparent poly liners. Class 10 (ISO 4)



Clean Processed, Class 10 (ISO 4)

Item#	Description	Packed
IC181SOC-S	IsoClean® Coveralls, Small	Clean
IC181SOC-M	IsoClean® Coveralls, Med.	Clean
IC181SOC-L	IsoClean® Coveralls, Large	Clean
IC181SOC-XL	IsoClean® Coveralls, X-Large	Clean
IC181SOC-2X	IsoClean® Coveralls, 2XLarge	Clean
IC181SOC-3X	IsoClean® Coveralls, 3XLarge	Clean
IC181SOC-4X	IsoClean® Coveralls, 4XLarge	Clean

Cleanroom Coveralls

Tyvek® Hooded Coverall With Attached Boots (Bunny Suit)

Polyester non-sparking zipper, elasticized face opening, attached skid resistant boot on a **Tyvek®** Coverall, elastic wrists and ankles. S.E.I. Certified This **Cleanroom Coverall** is bulk packed 25 units per case.

- **Serged Seam**
- **Bulk Packed**
- **Good Particle Containment**
- **Cost Effective**
- **For Moderate Cleanroom Use and Personnel Protection**

Item#	Description	Packed
TY122S-S	Bunny Suit Coverall, Small	25 Units per case
TY122S-M	Bunny Suit Coverall, Medium	25 Units per case
TY122S-L	Bunny Suit Coverall, Large	25 Units per case
TY122S-XL	Bunny Suit Coverall, X-Large	25 Units per case
TY122S-2XL	Bunny Suit Coverall, 2XLarge	25 Units per case
TY122S-3XL	Bunny Suit Coverall, 3XLarge	25 Units per case
TY122S-4XL	Bunny Suit Coverall, 4XLarge	25 Units per case
TY122S-5XL	Bunny Suit Coverall, 5XLarge	25 Units per case

Tyvek® by DuPont™ is a unique, nonwoven material comprised of heat and pressure bonded polyethylene filaments. Resistant to penetration. Tyvek® is a highly effective contamination control fabric. It is chemically and biologically inert, low linting and static-free until it is laundered. All items on this page are made of Tyvek®.



Tyvek® Disposable Coverall

SM - 5XL, Coverall with zipper front, lay down collar, elastic wrists and ankles. This **Disposable Coverall** has serged seams and is bulk packed 25 units per case.



Tyvek® Hooded Coverall

Zipper front, attached hood with elasticized face opening. Elastic wrists and ankles. This **Cleanroom Disposable Coverall** has serged seams and is bulk packed 25 units per case.



Item#	Description	Packed
TY127S-S	CR Coverall w/Hood, Small	25 Units per case
TY127S-M	CR Coverall w/Hood, Medium	25 Units per case
TY127S-L	CR Coverall w/Hood, Large	25 Units per case
TY127S-XL	CR Coverall w/Hood, X-Large	25 Units per case
TY127S-2XL	CR Coverall w/Hood, 2XLarge	25 Units per case
TY127S-3XL	CR Coverall w/Hood, 3XLarge	25 Units per case
TY127S-4XL	CR Coverall w/Hood, 4XLarge	25 Units per case
TY127S-5XL	CR Coverall w/Hood, 5XLarge	25 Units per case

Item #	Description	Packed
TY125S-S	Coverall, w/Collar, Small	25 Units per case
TY125S-M	Coverall, w/Collar, Med	25 Units per case
TY125S-L	Coverall, w/Collar, Large	25 Units per case
TY125S-XL	Coverall, w/Collar, X-Large	25 Units per case
TY125S-2XL	Coverall, w/Collar, 2XLarge	25 Units per case
TY125S-3XL	Coverall, w/Collar, 3XLarge	25 Units per case
TY125S-4XL	Coverall, w/Collar, 4XLarge	25 Units per case
TY125S-5XL	Coverall, w/Collar, 5XLarge	25 Units per case

Cleanroom Coveralls

DuPont™ Tyvek® IsoClean® Hooded Coverall, Class 100 (ISO 5)

This **IsoClean® Cleanroom Bunnysuit by DuPont™** has serged seams, standard hood, elastic hood opening, set sleeves, zipper front, elastic wrist and ankles, attached thumb loops, attached boots with PVC soles. Color is white.

- IsoClean® is a unique patented flashspinning process creates an excellent barrier to dry particles, microorganisms and non-hazardous liquids
- Comfortable, lightweight and durable
- Clean-processed garments offer lowest level of particle shedding within DuPont™ product portfolio
- Serged with covered elastic options

- Full traceability on all sterilized apparel
- Recyclable

Packaging Options:

OB - Bulk Packaged in double transparent poly liners

OC - Clean Processed Individually packaged in opaque bag, placed in double transparent poly liners. Class 10 (ISO 4)

CS - Clean & Sterile: clean-processed, individually packaged and sterilized by gamma irradiation



Bulk packed 25 per case

Item#	Description	Packed
IC105SOB-S	IsoClean® Hooded Coveralls, Small	Bulk
IC105SOB-M	IsoClean® Hooded Coveralls, Med.	Bulk
IC105SOB-L	IsoClean® Hooded Coveralls, Large	Bulk
IC105SOB-XL	IsoClean® Hooded Coveralls, X-Large	Bulk
IC105SOB-2X	IsoClean® Hooded Coveralls, 2XLarge	Bulk
IC105SOB-3X	IsoClean® Hooded Coveralls, 3XLarge	Bulk

Clean Processed, 25 per case, Class 1000, (ISO 6)

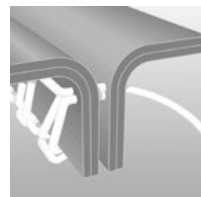
Item#	Description	Packed
IC105SOC-S	IsoClean® Hooded Coveralls, Small	Clean
IC105SOC-M	IsoClean® Hooded Coveralls, Med.	Clean
IC105SOC-L	IsoClean® Hooded Coveralls, Large	Clean
IC105SOC-XL	IsoClean® Hooded Coveralls, X-Large	Clean
IC105SOC-2X	IsoClean® Hooded Coveralls, 2XLarge	Clean
IC105SOC-3X	IsoClean® Hooded Coveralls, 3XLarge	Clean

Clean & Sterile, 25 per case, Class 100 (ISO 5)

Item#	Description	Packed
IC105SCS-S	IsoClean® Hooded Coveralls, Small	Clean & Sterile
IC105SCS-M	IsoClean® Hooded Coveralls, Med.	Clean & Sterile
IC105SCS-L	IsoClean® Hooded Coveralls, Large	Clean & Sterile
IC105SCS-XL	IsoClean® Hooded Coveralls, X-Large	Clean & Sterile
IC105SCS-2X	IsoClean® Hooded Coveralls, 2XLarge	Clean & Sterile
IC105SCS-3X	IsoClean® Hooded Coveralls, 3XLarge	Clean & Sterile

See DuPont™ Sizing Chart on Page N-11

DuPont™ Seam Construction



Serged or sewn

A seam produced when three threads are interlocked around the raw edges of two pieces of material for a strong, stress-resistant seam.



Bound

Tightly sewn with a reinforced outer binding to increase seam strength and barrier. For potential misting exposure of non-hazardous liquids or particle penetration through the seam.

Cleanroom Coveralls

DuPont™ IsoClean® Coverall, Mandarin Collar, Class 100 (ISO 5)

These IsoClean® Cleanroom Coveralls by DuPont™ have bound seams, bound neck, raglan sleeves, zipper front, covered elastic wrist and ankles. Color is white.

- IsoClean® is a unique patented flashspinning process creates an excellent barrier to dry particles, microorganisms and non-hazardous liquids
- Comfortable, lightweight and durable
- Clean-processed garments offer lowest level of particle shedding within DuPont™ product portfolio
- Bound seam garments offer highest particle barrier within DuPont™ products

- Full traceability on all sterilized apparel
- Recyclable

Packaging Options:

OB - Bulk Packaged in double transparent poly liners

OC - Clean Processed, Individually packaged in opaque bag, placed in double transparent poly liners. Class 10 (ISO 4)

CS - Clean & Sterile: clean-processed, individually packaged and sterilized by gamma irradiation.



Bulk Packed—25 per Case

Item#	Description	Packed
IC182BOB-S	IsoClean® Coverall, Small	Bulk
IC182BOB-M	IsoClean® Coverall, Medium	Bulk
IC182BOB-L	IsoClean® Coverall, Large	Bulk
IC182BOB-XL	IsoClean® Coverall, X-Large	Bulk
IC182BOB-2XL	IsoClean® Coverall, 2XLarge	Bulk
IC182BOB-3XL	IsoClean® Coverall, 3XLarge	Bulk
IC182BOB-4XL	IsoClean® Coverall, 4XLarge	Bulk

Clean Processed—25 per Case, Class 1000 (ISO 6)

Item#	Description	Packed
IC182BOC-S	IsoClean® Coverall, Small	Clean
IC182BOC-M	IsoClean® Coverall, Medium	Clean
IC182BOC-L	IsoClean® Coverall, Large	Clean
IC182BOC-XL	IsoClean® Coverall, X-Large	Clean
IC182BOC-2XL	IsoClean® Coverall, 2XLarge	Clean
IC182BOC-3XL	IsoClean® Coverall, 3XLarge	Clean
IC182BOC-4XL	IsoClean® Coverall, 4XLarge	Clean

Clean & Sterile—25 per case, Class 100 (ISO 5)

Item#	Description	Packed
IC182BCS-S	IsoClean® Coverall, Small	Clean & Sterile
IC182BCS-M	IsoClean® Coverall, Medium	Clean & Sterile
IC182BCS-L	IsoClean® Coverall, Large	Clean & Sterile
IC182BCS-XL	IsoClean® Coverall, X-Large	Clean & Sterile
IC182BCS-2XL	IsoClean® Coverall, 2XLarge	Clean & Sterile
IC182BCS-3XL	IsoClean® Coverall, 3XLarge	Clean & Sterile
IC182BCS-4XL	IsoClean® Coverall, 4XLarge	Clean & Sterile

See DuPont™ Sizing Chart on Page N-11

*Cleanroom Minimum Gowning Recommendations**

	ISO Class 8	ISO Class 7	ISO Class 6	ISO Class 5	ISO Class 4
Hair Cover	✓	✓	✓	✓	✓
Hood				✓	✓
Face Mask				✓	✓
Frock	✓	✓			
Coverall			✓	✓	✓
Shoe Cover	✓	✓			
Boots			✓	✓	✓

*Source - DuPont™ Controlled Environments

Cleanroom Coveralls

DuPont™ ProClean® Cleanroom Coverall With Zipper Front, Class 1000 (ISO 6)

Cleanroom Fitted Coverall with zipper front, tunneled elastic wrists, ankles and back waist. This Cleanroom coverall has a bound neck. This Cleanroom Coverall is compatible with cleanrooms of a Class 1000 (ISO Class 6) or higher.

- **Serged Seams**
- **Excellent Containment**
- **Reduced Shedding**
- **Offers excellent particle containment**
- **Accommodates Work Positions Common in Cleanrooms**

The garment is made of **ProClean** which is a unique blend of breathable microporous polypropylene film laminated to a polypropylene non-woven substrate. This garment is anti-static treated.

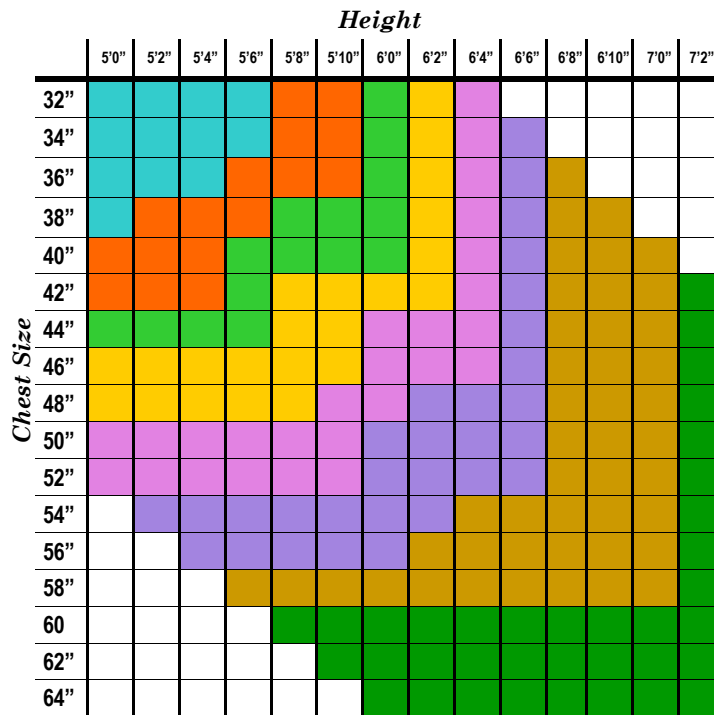
OB-Bulk Packed 25 units per case in double transparent poly liners.



Item	Description	Packed
PC143SOB-S	CR Coverall-Fitted w/Zipper Front, Small	25 Units per case
PC143SOB-M	CR Coverall-Fitted w/Zipper Front, Med	25 Units per case
PC143SOB-L	CR Coverall-Fitted w/Zipper Front, Large	25 Units per case
PC143SOB-XL	CR Coverall-Fitted w/Zipper Front, X-Large	25 Units per case
PC143SOB-2XL	CR Coverall-Fitted w/Zipper Front, 2XLarge	25 Units per case
PC143SOB-3XL	CR Coverall-Fitted w/Zipper Front, 3XLarge	25 Units per case
PC143SOB-4XL	CR Coverall-Fitted w/Zipper Front, 4XLarge	25 Units per case

*DuPont™ Garment Sizing Chart**

Sizes	
	Small
	Medium
	Large
	X-Large
	2X-Large
	3X-Large
	4X-Large
	5X-Large



*Source: DuPont™ Controlled Environments

Cleanroom Coveralls

Keystone® Lightweight Polypropylene Coverall

Light weight, non-linting, nonwoven 100% spun bound polypropylene Coveralls (30 gram) in white.

- Zipper front closure
- Elastic cuff and ankle
- Collar
- White
- Lightweight for breathability



Polypropylene Coverall with Open Wrists and Ankles, Collar, Zipper Front

CVL-NW-E Packed 25 per case Size SM-5XL

Polypropylene Coveralls (Bunny Suit), with Hood Attached Boot Covers, Elastic Wrists, Zipper Front

CVL-NW-B Packed 25 per case Size SM-5XL

Tyvek® Coveralls by Keystone®

Tyvek® by DuPont™ is a unique, nonwoven material comprised of heat and pressure bonded polyethylene filaments. Resistant to penetration.

Tyvek® by DuPont™ is a highly effective contamination control fabric. It is chemically and biologically inert, low linting and static-free until it is laundered. All options are white in color.



Tyvek® Coverall with Open Wrist, Open Ankles, Collar and Zipper Front

CVL-TVK Packed 25 per case Size M-3XL

Tyvek® Coverall with Elastic Wrists and Ankles, Collar and Zipper Front

CVL-TVK-E Packed 25 per case Size M-3XL

Tyvek® Coverall with Hood, Elastic wrist and Ankles, Zipper Front

CVL-TVK-H-E Packed 25 per case Size M-3XL

Tyvek® Coverall (Bunny Suit) with Hood, Boots, Elastic Wrist, Zipper Front

CVL-TVK-B Packed 25 per case Size M-3XL

Keystone® Heavy Duty Polypropylene Coveralls

Heavyweight Polypropylene Coveralls (45 gram) in white.

Polypropylene Coverall with Open Wrists and Ankles, Collar, Zipper Front

CVL-NW-HD Packed 25 per case Size SM-5XL



Polypropylene Coverall with Elastic Wrist, Elastic Ankles, Collar and Zipper Front

CVL-NW-HD-E Packed 25 per case Size SM-5XL

Polypropylene Coveralls with Hood, Elastic Wrists and Ankles, Zipper Front

CVL-NW-HD-HE Packed 25 per case Size SM-5XL

Polypropylene Coveralls (Bunny Suit), with Hood Attached Boot Covers, Elastic Wrists, Zipper Front

CVL-NW-HD-B Packed 25 per case Size SM-5XL



Keyguard® Coveralls

Keyguard® is a Tyvek® alternative polyethylene material resistant to penetration. These coveralls have serged seams, strong tensile strength, are light weight, breathable, latex free, comfortable and cleanroom compatible

Keyguard® Coverall with Open Wrists, Open Ankles, Collar and Zipper Front

CVL-KG Packed 25 per case Size SM-5XL

Keyguard® Coverall with Elastic Wrist, Elastic Ankles, Collar and Zipper Front

CVL-KG-E Packed 25 per case Size SM-5XL

Keyguard® Coveralls with Hood, Elastic Wrists and Ankles, Zipper Front

CVL-KG-HE Packed 25 per case Size SM-5XL

Keyguard® Coveralls (Bunny Suit) with Hood, Elastic Wrists, Attached Boot Covers, Zipper Front

CVL-KG-B Packed 25 per case Size SM-5XL



Face Masks

Cleanroom Earloop Mask

Our earloop mask is cool and made of nonwoven, pleated, glass free nonlinting materials. The nose piece is enclosed to ensure safety. Floss covered earloops allow swift easy donning. This mask is 3 ply, 7" x 3.5". This earloop mask is latex free



Item#	Description	Packed
MASKEL-BL	Earloop Mask	50/Bag, 20 Bg/Case

N95 Respirators by Precept®

NIOSH approved, meets the Center for Disease Control's guidelines for TB exposure control. Double headstraps designed for comfort and secure facial fit. Fluid Resistant to 160 mm Hg. To ensure proper fit, use the 65-65000 Fit Test Kit. (Hood, 2 Nebulizers, 1 Sensitivity Test Solution, 1 Fit Test Solution) Fit test should be conducted annually.

Item#	Description	Packed
65-3395	N95 Particulate Respirator, Regular	20/Bx., 6 Bx./Case
65-3395S	N95 Particulate Respirator, Small	20/Bx., 6 Bx./Case
65-6500	N95 Particulate Respirator Fit Test Kit	1 per Case

Procedure Face Masks by Precept®

Constructed of soft materials to keep the wearer cool and comfortable. Earloop design allows for quick donning and easy removal. Earloops are sonic welded to prevent facial irritation. Masks are latex free. Provides comprehensive protection, with bacterial filtration efficiencies exceeding 97% (for particles as small as 0.1 micron). All masks have Class 1 flammability. The masks come in blue, or yellow.



Item#	Description	Packed
15111	Procedure Mask, Blue	50/Bx, 10 Bx. /Case
15110	Procedure Breathable Mask, Yellow	50/Bx, 10 Bx./Case
15120	Procedure Mask, Extra Soft Tissue Inner Liner, Blue	50/Bx, 10 Bx./Case

Cleanroom Face Mask Four Tie Application

Our cleanroom contamination control mask is a disposable non-woven face mask with (4) floss-covered elastic ties for comfort. This disposable face mask is latex free, and comes in blue.



The size of this non-woven pleated rectangular mask is 7"x3.5". This glass-free material provides bacterial filtration efficiency of more than 95%. Constructed of Hypoallergenic materials for users protection. Made with malleable flat aluminum for a better fit. Individually inspected for sizing, material and workmanship.

Item#	Description	Packed
FM-T-BLUE	CR Four Tie Mask	50/Box, 10 Box/Case

DualGard™ Procedure Masks by Precept®

These procedure masks have a snap-on shield providing maximum facial protection. There is a cutaway nosepiece in shield to provide comfortable fit. The shield is coated with special anti-fog solution to ensure optical clarity. Color is blue.



Item#	Description	Packed
65-3345	DualGard™ Procedure Mask with Extended Shield	25/Bx, 4 Bx./Case

DualGard™ Procedure Masks by Precept®

This mask has a fog resistant, anti-glare snap-on shield for ultimate protection. There is a cutaway nosepiece in the shield providing a comfortable fit. The soft foam band at the top of the shield cushions the forehead, providing maximum comfort.

Item#	Description	Packed
65-3347	DualGard™ Procedure Mask with Foam Shield™	25/Bx, 4 Bx./Case

Face Masks

Face Masks by Kimberly Clark®

Kimberly-Clark® provides a full line of single-use masks to provide protection against spreading of bacteria and infections in any setting.

Item#	Description	Packed
KC-00152	Cone Face Mask , White. Molded Cone Style with Headband	6/box-50/ctn
KC-37525	FILTERMASK Surgical Mask, Green. Pouch Style with Ties	6/box-50/ctn
KC-47625	LAZER Surgical Mask, Pleat Style with Ties	6/box-35/ctn
KC-48220	Duckbill Surgical Mask, Blue. Pouch Style with Ties	6/box-50/ctn
KC-49214	Fog-Free Surgical Mask, Foam Band, Blue. Pleat Style with Ties	6/box, 50/ctn
KC-49216	Fog-Free Duckbill Surgical Mask, Foam Band, Blue. Pouch Style with Ties.	6/box, 50/ctn
KC-47700	PCM2000 Mask, Regular Size, Blue. Pouch Style with Polyurethane Headband	6/box, 50/ctn
KC-47717	PCM2000 Mask, Regular Size, Yellow. Pouch Style with Polyurethane Headband	6/box, 50/ctn



Cone



Duckbill



Pleat Style



Fog Free Duckbill



PCM2000

Frocks & Lab Coats

Cleanroom Comfort Clean Frock, Breathable Class 10,000 (ISO 7)

This **NCI** garment has elastic at the wrists and a mandarin collar. NCI has teamed up with a manufacturer of disposable cleanroom apparel to create an alternative to other spunbonded olefin frocks. This garment is designed to meet the requirements of a class 10,000 environment. It offers several benefits when compared to other olefin garments.

- **Lower cost than leading manufacturer**

Item#	Description	Packed
FR-211MPE-S	Frock, Comfort Clean, Small	30 per case
FR-211MPE-M	Frock, Comfort Clean, Medium	30 per case
FR-211MPE-L	Frock, Comfort Clean, Large	30 per case
FR-211MPE-XL	Frock, Comfort Clean, X-Large	30 per case
FR-211MPE-2XL	Frock, Comfort Clean, 2XLarge	30 per case
FR-211MPE-3XL	Frock, Comfort Clean, 3XLarge	30 per case
FR-211MPE-4XL	Frock, Comfort Clean, 4XLarge	30 per case
FR-211MPE-5XL	Frock, Comfort Clean, 5XLarge	30 per case

- **Cooler to wear - The inherent construction of the material permits the material to breathe.**
- **Sleeves are 1-2 inches longer than the leading manufacturer.**
- **Creates more of an overlap with a glove. Reduces the risk of bare skin being exposed when a worker is reaching.**
- **A more substantial snap. Able to wear more times without snaps failing**
- **Same size as leading manufacturer. No concerns with workers not fitting into same size of garment as before.**



With this frock you will be able to have the same level of cleanliness, more comfortable workers at a reduced cost.

DuPont™ IsoClean® Tyvek® Frock, Class 1000 (ISO 6)

Tyvek® Disposable IsoClean® Frock/Lab Coat style with 26" polyester separating zipper front, tunneled elastic wrists, raglan sleeve and mandarin collar.

- IsoClean® is a unique patented flash-spinning process creates an excellent barrier to dry particles, microorganisms and non-hazardous liquids
- Comfortable, lightweight and durable
- Serged with covered elastic options
- Recyclable

Item#	Description	Packed
IC264SOB-SM	Frock, Tyvek IsoClean zipper front, Small	30 per case
IC264SOB-MD	Frock, Tyvek IsoClean zipper front, Medium	30 per case
IC264SOB-LG	Frock, Tyvek IsoClean zipper front, Large	30 per case
IC264SOB-XL	Frock, Tyvek IsoClean, zipper front, X-Large	30 per case
IC264SOB-2X	Frock, Tyvek IsoClean zipper front, 2XLarge	30 per case

SERGED SEAMS - A seam produced when three threads are interlocked around the raw edges of two pieces of material for a strong, stress-resistant seam. Color: White

Packaging:
OB - Bulk Packaged in double transparent poly liners



Frock & Lab Coats

DuPont™ Tyvek® Frock / Lab Coats, Class 10,000 (ISO 7)

Tyvek® Disposable Frock/Lab Coat, Knee Length - with 5 snap front, elastic wrist and collar.

Item#	Description	Packed
TY211S-S	Frock/Lab Coat, Tyvek, Snap Front, Small	30 per case
TY211S-M	Frock/Lab Coat, Tyvek, Snap Front, Med.	30 per case
TY211S-L	Frock/Lab Coat, Tyvek, Snap Front, Large	30 per case
TY211S-XL	Frock/Lab Coat, Tyvek, Snap Front, X-Large	30 per case
TY211S-2XL	Frock/Lab Coat, Tyvek, Snap Front, 2XLarge	30 per case
TY211S-3XL	Frock/Lab Coat, Tyvek, Snap Front, 3XLarge	30 per case
TY211S-4XL	Frock/Lab Coat, Tyvek, Snap Front, 4XLarge	30 per case
TY211S-5XL	Frock/Lab Coat, Tyvek, Snap Front, 5XLarge	30 per case

- Serged Seams
- Marginal Containment
- Cost Effective
- Bulk Packed

Tyvek® by DuPont™ is a spunbonded olefin. It is a unique, nonwoven material. Resistant to penetration, it is chemically and biologically inert, low linting and static free until laundered.



SERGED SEAMS - A seam produced when three threads are interlocked around the raw edges of two pieces of material for a strong, stress-resistant seam. Color: White

Tyvek® Disposable Frock / Lab Coat - No pockets, five snaps in front, open wrist, with collar.

Set sleeve design with underarm gussets (extra fabric) allows greater arm movement. Serged seams. No elastic on wrists. Compatible with cleanrooms of Class 10,000 (ISO 7) and higher.



Tyvek® Disposable Frock / Lab Coat - Full Cut, long sleeves with collar and five front snaps.

Two pockets, one top left and one lower right. Serged seams. No elastic on wrists.



Item#	Description	Packed
TY210S-S	Frock/Lab Coat, Tyvek, Snap Front, Small	30 per case
TY210S-M	Frock/Lab Coat, Tyvek, Snap Front, Med.	30 per case
TY210S-L	Frock/Lab Coat, Tyvek, Snap Front, Large	30 per case
TY210S-XL	Frock/Lab Coat, Tyvek, Snap Front, X-Large	30 per case
TY210S-2XL	Frock/Lab Coat, Tyvek, Snap Front, 2XLarge	30 per case
TY210S-3XL	Frock/Lab Coat, Tyvek, Snap Front, 3XLarge	30 per case
TY210S-4XL	Frock/Lab Coat, Tyvek, Snap Front, 4XLarge	30 per case
TY210S-5XL	Frock/Lab Coat, Tyvek, Snap Front, 5XLarge	30 per case

Item#	Description	Packed
TY212S-S	Frock/Lab Coat, Tyvek, Snap Front, Small	30 per case
TY212S-M	Frock/Lab Coat, Tyvek, Snap Front, Med.	30 per case
TY212S-L	Frock/Lab Coat, Tyvek, Snap Front, Large	30 per case
TY212S-XL	Frock/Lab Coat, Tyvek, Snap Front, X-Large	30 per case
TY212S-2XL	Frock/Lab Coat, Tyvek, Snap Front, 2XLarge	30 per case
TY212S-3XL	Frock/Lab Coat, Tyvek, Snap Front, 3XLarge	30 per case
TY212S-4XL	Frock/Lab Coat, Tyvek, Snap Front, 4XLarge	30 per case
TY212S-5XL	Frock/Lab Coat, Tyvek, Snap Front, 5XLarge	30 per case

Cleanroom Frocks, Shirts, and Pants

DuPont™ Tyvek® Frocks, Shirts, and Pants

These Cleanroom Garments are all made with DuPont™ Tyvek® spunbonded olefin.

- **Serged Seams**
- **Marginal Containment**
- **Cost Effective**

Tyvek® by DuPont™ is a spunbonded olefin. It is a unique, nonwoven material. Resistant to penetration, it is chemically and biologically inert, low linting and static free until laundered.

SERGED SEAMS - A seam produced when three threads are interlocked around the raw edges of two pieces of material for a strong, stress-resistant seam. Color: White

Tyvek® Frock/Lab Coat with Mandarin Collar



Frock/Lab Coat with mandarin collar, serged seams, front snap closure, elastic wrists.

Tyvek Frock/Lab Coat with Mandarin Collar

Item#	Description	Packed
TY216SOB-S	Tyvek® Frock with Mandarin Collar, Small	30 per case
TY216SOB-M	Tyvek® Frock with Mandarin Collar, Med.	30 per case
TY216SOB-L	Tyvek® Frock with Mandarin Collar, Large	30 per case
TY216SOB-XL	Tyvek® Frock with Mandarin Collar, X-Large	30 per case
TY216SOB-2XL	Tyvek® Frock with Mandarin Collar, 2XLarge	30 per case
TY216SOB-3XL	Tyvek® Frock with Mandarin Collar, 3XLarge	30 per case
TY216SOB-4XL	Tyvek® Frock with Mandarin Collar, 4XLarge	30 per case

Tyvek® Cleanroom Shirt

Cleanroom Shirt with long non-elastic sleeves, 3 snap front, with collar and no pockets. When worn with appropriate Cleanroom Pant, is compatible with Cleanroom of Class



Tyvek Cleanroom Pant

Cleanroom Pant with elastic waist band and open leg. When worn with appropriate top covering, is compatible with Cleanroom of 1000 (ISO 6).



Item#	Description	Packed
TY303S-S	Shirt, Tyvek, Snap Front, Small	50 per case
TY303S-M	Shirt, Tyvek, Snap Front, Medium	50 per case
TY303S-L	Shirt, Tyvek, Snap Front, Large	50 per case
TY303S-XL	Shirt, Tyvek, Snap Front, X-Large	50 per case
TY303S-2XL	Shirt, Tyvek, Snap Front, 2XLarge	50 per case
TY303S-3XL	Shirt, Tyvek, Snap Front, 3XLarge	50 per case
TY303S-4XL	Shirt, Tyvek, Snap Front, 4XLarge	50 per case

Item #	Description	Packed
TY350S-M	Tyvek® Pants, Medium	50 per case
TY350S-L	Tyvek® Pants, Large	50 per case
TY350S-XL	Tyvek® Pants, X-Large	50 per case
TY350S-2XL	Tyvek® Pants, 2XLarge	50 per case
TY350S-3XL	Tyvek® Pants, 3XLarge	50 per case
TY350S-4XL	Tyvek® Pants, 4XLarge	50 per case

Frock & Lab Coats

Polypropylene Lab Coats

Lab Coats by Keystone® available in polypropylene. Shown here open wrists, 2 pockets, and snap front. Items listed are 30 gram weight polypropylene. Color is white.



Polypropylene Lab Coats with No Pockets, Open Wrists, Snap Front, Collar.

Item# LCO-WO-NW

Size SM-5XL

Packed 30 per case

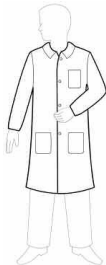


Polypropylene Lab Coat with No Pockets, Elastic Wrists, Snap Front and Collar.

Item # LCO-WE-NW

Size SM-5XL

Packed 30 per case



Polypropylene Lab Coat with 3 Pockets, Open Wrists, Snap Front, and Collar

Item# LC3-WO-NW

Size SM-5XL

Packed 30 per case



Heavy Duty Polypropylene Lab Coat with No Pockets, Elastic Wrists, Snap Front and Collar.

Item# LCO-WE-NW-HD

Size SM-5XL

Packed 30 per case



Heavy Duty Polypropylene Lab Coat with 3 Pockets, Knit Wrists, Snap Front and Knit Collar.

Item# LC3-WK-NW-HD

Size SM-5XL

Packed 30 per case



Polypropylene Lab Coat with 3 Pockets, Knit Wrists, Snap Front, and Collar

Item# LC3-WK-NW

Size SM-5XL

Packed 30 per case

Gowns

Precept® Isolation Gowns



These Isolation Gowns are made of Tyvek® by DuPont™, a low-linting, anti-static, and lightweight material that provides excellent protection against fluids and bacteria. Tyvek® material is noted for its strength and resistance to tears and punctures. This gown has secure neck ties, knit cuffs and full back. Size is Universal, color is white.

Item#	Description	Packed
35-5703	Isolation Gown	30 Units per case

Precept® Polypropylene Gown

Polypropylene Gowns are intended for use in situations where little to no fluid contact is expected. Gowns are latex free, color is yellow. Size is X-Large.

Item#	Description	Packed
5565	Isolation Gown, Size XL	100 Units per case

Precept® Impervious Personal Protection Gown

Precept's Impervious Personal Protection Gowns are constructed from polyethylene and pass the ASTM F 1671 viral penetration test. These gowns have thumb loops for easy donning of gloves, with tapered wrists. Bulk packed, the color is white.



Item#	Description	Packed
8572B-L	Poly. Impervious Gown, Large	100 Units per case
8576B-XL	Poly. Impervious Gown, X-Large	100 Units per case

Precept® FluidGard™ Procedure Gowns

FluidGard™ Procedure Gowns are made of multilayer SMS material. They are appropriate for use in situations where light to moderate fluid contact is anticipated. Lightweight SMS, color is yellow, size is Universal.



Item#	Description	Packed
51175	FluidGard™ Procedure Gown	100 Units per case

Hairnets

Latex Free Hairnet, 1/8" Holes

This hairnet by Keystone® is soft, heavyweight, nylon with 1/8" holes, in a honeycomb pattern, flame-resistant and latex free. Colors white, black, brown, blue, blonde. Sizes available: 18", 21", 24", 26", & 28"

Item#	Description	Packed
109HP	1/8" Hole Hairnet, HD Nylon	100/bag, 10/case

Latex Free Hairnet 1/16" Holes

This hairnet is soft heavyweight nylon made by Keystone®, 1/16" hole, honeycomb, flame-resistant. Colors: white, black, brown, blue, blonde. Sizes: 18", 21", 24", 26", & 28"



Item#	Description	Packed
109HPI	1/16" Hole Hairnet, HD Nylon	100/bag, 10/case

Hoods

Tyvek® IsoClean® Hoods by DuPont™ have the highest standards for sterility and cleanliness.



- Made from flashspun polyolefin protective material.
- IsoClean® is a patented flashspinning process creating an excellent barrier to dry particles, microorganisms and non-hazardous liquids.
- Comfortable, lightweight and durable
- Clean-processed garments offer lowest level of particle shedding within DuPont™ product portfolio.
- Bound seam garments offer the highest particle barrier option
- Full traceability on all sterilized apparel
- Recyclable
- Color is White

CS - Clean and Sterile: clean processed, individually packaged and sterilized by gamma irradiation

OS- Sterile: individually packaged and sterilized by gamma irradiation

OC - Clean: Clean Processed, individually packaged

OB - Bulk Packaged

IsoClean® Full Face Opening Hood

These **Tyvek® IsoClean® Hoods** have a full face opening. Face opening is bound, this hood has ties with loops for fit (Universal fit) and comes with the options of Bulk Packed, Clean, or Clean and Sterile.



Item#	Description	Packed
IC668BOB	Hood, Full Face Opening, Bulk Packed	100/case
IC668BOC	Hood, Full Face Opening, Clean, Class 1000 (ISO 6)	100/case
IC668BCS	Hood, Full Face Opening, Clean & Sterile, Class 100 (ISO5)	100/case

IsoClean® Eyes Only Opening Hood

These **Tyvek® IsoClean® Hoods** have a bound eye opening, ties snaps for fit, available in medium or large, and come with the options of Bulk Packed, Clean, or Clean and Sterile.



Item#	Description	Packed
IC666BOB-MD	Hood, Eyes Only Opening, Medium, Bulk Packed	100/case
IC666BOB-LG	Hood, Eyes Only Opening, Large, Bulk Packed	100/case
IC666BOC-MD	Hood, Eyes Only Opening, Medium, Clean, Class 1000 (ISO 6)	100/case
IC666BOC-LG	Hood, Eyes Only Opening, Large, Clean, Class 1000 (ISO 6)	100/case
IC666BCS-MD	Hood, Eyes Only Opening, Medium, Clean & Sterile, Class 100 (ISO 5)	100/case
IC666BCS-LG	Hood, Eyes Only Opening, Large, Clean & Sterile, Class 100 (ISO 5)	100/case

ProClean® Full Face Opening Hood

Sterile full face opening hood by **DuPont™** made of **ProClean®** microporous composite fabric, which is non-hazardous liquid and dry particulate barrier protection for cleanroom applications. Made with serged seams, snaps for fit, bound opening, bottom and ties. Universal sizing.



OS- Sterile: individually packaged, sterilized by gamma irradiation

Item#	Description	Packed
PC663SOS	Hood, Full Face Opening, Bound opening (Universal Size) Sterile	100/case

Shoe Covers

Tyvek® Shoe Cover Non-Skid Sole

These Tyvek® Shoe Covers have a non-skid sole. They are available in regular and large size. Color is gray.

Item#	Description	Packed
SC-TVK-SR	Tyvek® Shoe Covers, Size Regular	100 pairs/case
SC-TVK-SL	Tyvek® Shoe Covers, Size Large	100 pairs/case

Shoe Covers

Non-Skid Shoe Covers

These shoe covers are manufactured for **NCI** by a leading manufacturer of disposable cleanroom apparel to create an alternative to other spunbonded polypropylene shoe covers. Sprayed Latex Anti-Skid Treads on bottom. Available in Blue or White.



Item#	Description	Packed
SC-PPNS-MB	Blue Shoe Covers - Medium	150 pairs per case
SC-PPNS-LB	Blue Shoe Covers -Large	150 pairs per case
SC-PPNS-XB	Blue Shoe Covers - X-Large	150 pairs per case

Tyvek® Shoe Cover with Vinyl Sole

This shoe cover is made from antistatic, lint-free Tyvek® uppers and a special embossed vinyl sole. Also available with a conductive strip. Color is white.



Item#	Description	Packed
SC-TVK-PVC	Tyvek® Shoe Covers, Size Regular	100 pairs/case
SC-TVK-PVC	Tyvek® Shoe Covers, Size Large	100 pairs/case

Laminated Polypropylene Shoe Covers

Laminated nonwoven polypropylene. Stitched seam construction. Individually inspected for seams, sizing, material and workmanship.



This is the preferred shoe cover where durability, liquid protection, & cleanliness are important. Commonly used in pharmaceutical industry.

Item#	Description	Packed
SC-NWP-LG	Shoe Cover, Laminated Poly, Large	100 pairs/case
SC-NWP-XL	Shoe Cover, Laminated Poly, X-Large	100 pairs/case

Non Particulating Polyethylene Shoe Covers

These shoe covers are completely water resistant and sealed. They are designed for use on smooth floors which may be wet. They reduce slipping on floors with moisture. Heat sealed seams, latex free. Fits up to size 13 shoe size. Color is white or blue.



Item#	Description	Packed
SC-PL-150W	Shoe Cover, Non-Particulating, Polyethylene, white	150 pairs/case
SC-PL-150B	Shoe Cover, Non-Particulating, Polyethylene, blue	150 pairs/case

Conductive Shoe Cover, Non-Skid

The conductive cover has a carbon strip sewn on the bottom. One end is then tucked into the shoe. This helps eliminate the hazards of static electricity when used in conjunction with a static controlled floor.



Item#	Description	Packed
VTSHCVASESDLF-LG	Conductive Shoe Cover Large	150 pairs/case
VTSHCVASESDLF-XL	Conductive Shoe Cover X-Large	150 pairs/case

Latex Free Shoe Cover, Polypropylene

These shoe covers are latex free, made of polypropylene. Color is blue. Packed 150 pairs per case.



Item#	Description	Packed
SHO1B423	Latex Free Poly. Shoe Cover, Large	150 pairs/case
SHO1B424	Latex Free Poly. Shoe Cover, X-Large	150 pairs/case

Shoe Covers

Conductive Shoe Covers

Conductive polypropylene shoe covers with non-woven fabric and conductive strip.

100/polybag, 3 per case



Item#	Description	Packed
B20020	Conductive Polypropylene Covers	100/bag, 3 bags/case

Protective Sleeves

Arm Guards by Keystone®

Arm guards by Keystone® provide an excellent fluid barrier, approved for food processing, are disposable, generously sized, comfortable, non-linting and cleanroom compatible.



Polyethylene Sleeve

Item	Description	Packed
AG-PE-B-L	Large (18"x9") Blue	500 pr/Case
AG-PE-B-XL	X-Wide (16"x10") Blue	500 pr/Case
AG-PE-W-L	Large (18"x9") White	500 pr/Case
AG-PE-W-XL	X-Wide (16"x10") White	500 pr/Case

Polypropylene Sleeves

Item	Description	Packed
AG-NWI-W	Large (18"x9") White	100 pr/Case
AG-NWI-B	Large (18"x9") Blue	100 pr/Case

Keyguard® Sleeves



KeyGuard® Sleeve

Item	Description	Packed
AG-KG	Large (18"x9") White	100 pr/Case

Laminated Polypropylene



Laminated Polypropylene Sleeves

Item	Description	Packed
AG-NWPI	Large (18"x9") White	100 pr/Case

Tyvek® Sleeve

Item	Description	Packed
AG-TVKI-L	Large (18"x7.25") White	100 pr/Case
AG-TVKI-XL	X-Large (22"x7.25") White	100 pr/Case

Vinyl PVC Sleeves



Vinyl PVC Sleeves

6 Mil, Blue, White, or Clear

Item	Description	Packed
AG-PVC6-B	Large (18") Blue	144 pr/Case
AG-PVC6-W	Large (18") White	144 pr/Case
AG-PVC6-C	Large (18") Clear	144 pr/Case

Vinyl PVC Sleeves

8 Mil, Blue, White, or Clear

Item	Description	Packed
AG-PVC8-B	Large (18") Blue	144 pr/Case
AG-PVC8-W	Large (18") White	144 pr/Case
AG-PVC8-C	Large (18") Clear	144 pr/Case

Launderable Apparel

We provide **Launderable Cleanroom Apparel** in a variety of materials and configurations. **Reusable Cleanroom Garments** reduce cost, provide comfort & durability and are available in designs to meet most cleanroom applications, including static safety and Class 10 particle requirements. Re-usable garments also available in electro-static dissipative ChemStat® 909A - protects against ESD.



Boots, Boot Covers

Hypalon Sole Boots with Web Straps	O-4
Hypalon Sole Boots with Arch Straps	O-4
Hypalon Sole Boots with Zipper	O-4

Coveralls

Raglan Sleeve Coveralls	O-3
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Frocks

Set in Sleeve Frock	O-3
Zipper Front Frock	O-4

Hoods

Easy-On Hood	O-5
Open Face Pullover Hood	O-5
Eyes Only Pullover Hood	O-5
Eyes Only Pullover Hood, Face Mask	O-5

Shoe Covers

Hypalon Sole Shoe Covers	O-3
Flat Hypalon Sole Shoe Covers	O-3

Cleanroom Gowning Procedures O-2

Launderable Fabric Options O-2

Cleanroom Gowning Procedure

The below Recommended Cleanroom Clothing Standards for Cleanroom applications are based on the latest available information and are intended as a guide for your contamination control program. Modification may be required according to individual processes and other factors affecting garment usage and frequency of change.

Recommended Cleanroom Clothing Standards

1	10	100	1,000	10,000	100,000
ISO 3	ISO 4	ISO 5	ISO 6	ISO 7	ISO 8
NON-ASEPTIC Hood Hair Cover Coverall Intersuit Boots Facial Cover Gloves	Hood Hair Cover Coverall Intersuit Boots Facial Cover Gloves	Hood Hair Cover Coverall Intersuit Boots Facial Cover Gloves	Hood, Cap or Hair Cover Coverall or Frock Boots/Footwear Facial Cover (optional) Gloves	Cap or Hair Cover Frock Boots/Footwear Facial Cover (optional) Gloves (optional)	Cap or Hair Cover Frock Footwear Facial Cover (optional) Gloves (optional)
ASEPTIC Hood Hair Cover Coverall Intersuit Boots Facial Cover Gloves	Hood Hair Cover Coverall Intersuit Boots Facial Cover Gloves	Hood Hair Cover Coverall Boots Facial Cover Gloves	Hood Hair Cover Coverall Boots Facial Cover Gloves	Hood (optional) Hair Cover Coverall Boots Facial Cover Gloves	Garments In This Environment Are Application Specific

Source for above table: Worklon.com

Launderable Apparel Fabric Options

Hi Tec Garments® SC-3 System, Class 10 (ISO 4)

The **Hi Tec Garments® SC-3 System** is engineered to meet up to a **Class 10 (ISO 4)** cleanroom's rigid demands for the microelectronics, semi-conductor, disk drive, laser and similar industries. This polyester with carbon grid **Burlington C3™** high density apparel system, is designed to guard against airborne particles and to dissipate static charges.

Hi Tec Garments® HD-ESD System, Class 10 (ISO 4)

Hi Tec Garments® HD-ESD System offers a polyester with carbon yarn stripe fabric. Acceptable for aseptic environments, this static dissipative apparel program is constructed of **Maxima® High Density ESD**. HD-ESD garments can be worn in a variety of industries which include pharmaceutical, biotechnical, biological and food processing. Designed for cleanrooms up to and including Class 10 (ISO4) where bacterial filtration, static charges, particulate and fluid resistance needs to be controlled.

Hi Tec Garments® Taffeta System, Class 1000 (ISO6)

The **Hi Tec Garments® Taffeta System** offers apparel for pharmaceutical, medical device, food processing and related industries where particulate control is required. Polyester Taffeta frocks are donned in controlled environments up to and including **Class 1000 (ISO 6)**. Hoods and boots are available in Polyester Taffeta. When worn with Herringbone coveralls, these Taffeta accessories are suitable in Class 100 (ISO5) cleanrooms.

Coveralls

Raglan Sleeve Coveralls

Raglan Sleeves Coveralls feature a front zipper closure, anti-static knit cuffs, two-ply reinforced placket, adjustable snaps at collar and ankles, three vertical snaps on back of legs for adjustable boot attachment, color-coded hang loop denotes size.

Unisex Sizes: XS-4XL. Colors are light blue, navy, or white. State size and color.



Item#	Description	Color
HT-1245C3	C3 Coverall	Blue, White, Navy
HT-1245ME	Maxima Coverall	Blue, White, Navy
HT-1245T	Taffeta Coverall	Blue, White, Navy

Hi Tec® Unisex Cleanroom Coveralls and Frocks

Size	XS	S	M	L	XL	2XL	3XL	4XL
Color Code	Royal	Orange	Yellow	White	Red	Black	Green	Gray
Ladies'	8-10	12-14	16-18	40-42	44-46	48-50	52-54	56-58
Men's'	30-32	34-36	38-40	42-44	46-48	50-52	54-56	58-60

Hi Tec® Unisex Hypalon Sole CR Shoe Covers

Size	XS	S	M	L	XL	2XL
Color Code	Blue	Orange	Yellow	White	Red	Black
Shoe Size	2-3½	4-5½	6-7½	8-10½	11-13	14-15

Shoe Covers

Hypalon Sole Shoe Covers

Hypalon Sole Shoe Covers have full elastic opening, rear snap adjustment, generous sizing. Color-coded stitching denotes size. Unisex Sizes: XS-2XL. Colors are light blue, navy, or white. State size and color.



Item#	Description	Color
HT-210CC3	C3 Hypalon Shoe Covers	Blue, White, Navy
HT-210CME	Maxima Hypalon Shoe Covers	Blue, White, Navy
HT-210CT	Taffeta Hypalon Shoe Covers	Blue, White, Navy

Frocks

Zipper Front Frocks

Zipper Closure, Raglan Sleeve Frocks have anti-static knit cuffs, two-ply reinforced placket, adjustable snaps at collar, color-coded hang loop denotes size. XS-4XL. Colors are light blue, navy, or white. State size and color.



Item#	Description	Color
HT-1158ZKC3	C3 Zipper Front Frock	Blue, White, Navy
HT-1158ZKME	Maxima Zipper Front Frock	Blue, White, Navy
HT-1158ZKT	Taffeta Zipper Front Frock	Blue, White, Navy

Frocks with Set-In Sleeves

Snap Closure, Set-In Sleeve Frock of Polyester Taffeta has adjustable snaps at wrists and collar, color-coded hang loop denotes size, gamma compatible and autoclavable. Unisex Sizes: XS-4XL. Colors are light blue, navy, or white. State size and color.



Item#	Description	Color
HT-1180C3	C3 Set-In Sleeve Frock	Blue, White, Navy
HT-1180ME	Maxima Set-In Sleeve Frock	Blue, White, Navy
HT-1180T	Taffeta Set-In Sleeve Frock	Blue, White, Navy

Flat Hypalon Sole Shoe Covers

Flat Hypalon Sole Shoe Covers have full elastic opening, rear snap adjustment, generous sizing, color-coded stitching denotes size, gamma compatible and autoclavable. Available in light blue, navy, or white. Unisex Sizes: XS-2XL. State size and color.



Item#	Description
HT-204CC3	C3 Flat Hypalon Sole Shoe Covers
HT-204CME	Maxima Flat Hypalon Sole Shoe Covers
HT-204CT	Taffeta Flat Hypalon Sole Shoe Covers

Shoe Covers

Flat Sole Shoe Covers

Flat Sole Shoe Covers have full elastic opening, rear snap adjustment, generous sizing. Color-coded stitching denotes size. Unisex Sizes: XS-2XL. Colors are light blue, navy, or white. State size and color.

Item#	Description	Color
HT-201CC3	C3 Flat Sole Shoe Covers	Blue, White, Navy
HT-201CME	Maxima Flat Sole Shoe Covers	Blue, White, Navy
HT-201CT	Taffeta Flat Sole Shoe Covers	Blue, White, Navy

Hi Tec® Unisex CR Boots & Shoe Covers

Size	XS	S	M	L	XL	2XL
Color Code	Blue	Orange	Yellow	White	Red	Black
Shoe Size	2-3½	4-5½	6-7½	8-10½	11-13	14-15

Boots

Hypalon Sole Boots with Side Arch Straps

Boots with Hypalon Sole and Arch Straps have partial elastic with adjustable snap tab opening and arch web strapping. Rear snap attaches to coverall. Color-coded buckled instep strap denotes size; gamma compatible and autoclavable. Available in navy, light blue, or white. Unisex Sizes: XS- 2XL. State size and color.



Item#	Description
HT-505CC3	C3 Hypalon Sole Boots with Arch Straps
HT-505CME	Maxima Hypalon Sole Boots with Arch Straps
HT-505CT	Taffeta Hypalon Sole Boots with Arch Straps

Boots

Hypalon Sole Boots with Web Straps

Boots with Hypalon Sole and Web Straps have partial or full elastic with adjustable snap tab opening, rear snap attaches to coverall. Features web strap with SR buckle. Color-coded buckled instep strap denotes size, gamma compatible and autoclavable. Available in navy, light blue, or white. Unisex Sizes: XS- 2XL. State size and color.



Item#	Description
HT-606AC3	C3 Hypalon Sole Boots, Full Elastic Top
HT-606AME	Maxima Hyp. Sole Boots, Full Elastic Top
HT-606AT	Taffeta Hyp. Sole Boots, Full Elastic Top
HT-554C3	C3 Hypalon Sole Boots, Partial Elastic Top
HT-554ME	Maxima Hypalon Sole Boots, Partial Elastic Top
HT-554T	Taffeta Hypalon Sole Boots, Partial Elastic Top

Hypalon Sole Boots with Rear Zipper

Boots with Hypalon Sole and Rear Zipper have partial elastic with adjustable snap tab opening and 18" rear zipper. Rear snap attaches to coverall. Color-coded buckled instep strap denotes size; gamma compatible and autoclavable. Available in navy, light blue, or white. Unisex Sizes: XS- 2XL. State size and color.



Item#	Description
HT-510CC3	C3 Hypalon Sole Boots with Zipper
HT-510CME	Maxima Hypalon Sole Boots with Zipper
HT-510CT	Taffeta Hypalon Sole Boots with Zipper

Hoods

Easy-On Hoods

These **Easy-On Open Faced Hoods** have adjustable snap closure, hood's bib drapes across shoulders, two sets of vertical snaps for facemask attachment, rear horizontal snap adjustment, color-coded hang loop denotes size. Unisex Sizes: S-3XL. Colors are light blue, navy, or white.



Item#	Description
HT-1380C3	C3 Easy On Hood
HT-1380ME	Maxima Easy On Hood
HT-1380T	Taffeta Easy On Hood
HT-1349-1C3	C3 Easy On Hood, Vertical Adjustment Snaps
HT-1349-1ME	Maxima Easy On Hood, Vertical Adjustment Snaps
HT-1349-1T	Taffeta Easy On Hood, Vertical Adjustment Snaps

Eyes Only Pullover Hood

This **Pullover Eyes Only Hood** slips over the head, hood's bib separates at shoulders, band of tunneled elastic in back for contoured fit, rear horizontal and vertical snap adjustment, color-coded hang loop denotes size, gamma compatible and autoclavable. Unisex: One Size. Colors are blue, navy, and white.

Item#	Description
HT-1310C3	C3 Eyes Only Pullover Hood
HT-1310ME	Maxima Eyes Only Pullover Hood
HT-1310T	Taffeta Eyes Only Pullover Hood

Open Face Pullover Hoods

These **Open Face Pullover Hoods** slip over the head. The hood's bib separates at shoulders, band of tunneled elastic in back for contoured fit, rear horizontal and vertical snap adjustment. Unisex, One Size.



Item#	Description
HT-1311C3	C3 Pullover Hood
HT-1311ME	Maxima Pullover Hood
HT-1311T	Taffeta Hood

Eyes Only Pullover Hood with Face Mask

This **Pullover Eyes Only Hood with Face Mask** has a sewn in fine mesh transparent facemask. It slips over the head, hood's bib separates at shoulders, band of tunneled elastic in back for contoured fit, rear horizontal and vertical snap adjustment, color-coded hang loop denotes size, gamma compatible and autoclavable. Unisex: One Size. Colors are blue, navy, and white.



Item#	Description
HT-1312C3	C3 Eyes Only Pullover Hood
HT-1312ME	Maxima Eyes Only Pullover Hood
HT-1312T	Taffeta Eyes Only Pullover Hood

Gloves



Latex Gloves	P-2
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(See also our Glove Dispenser Section)	J

Latex Gloves



Latex Gloves-Bagged

These **Powder Free, Ambidextrous Latex Gloves** are excellent for use in cleanrooms. The gloves are chlorinated and deionized water rinsed for use in controlled environments. They are silicone free and made from high quality latex resins. These gloves are bagged, 100 per bag, 10 bags per case.

Techniglove™ Latex Gloves 9.5" (Textured)

Item#	Size	Class
TGL901S	9.5" Small	Class 100 (ISO5)
TGL902M	9.5" Medium	Class 100 (ISO5)
TGL903L	9.5" Large	Class 100 (ISO5)
TGL904XL	9.5" X-Large	Class 100 (ISO5)



Techniglove™ Latex Gloves 12" (Textured)

Item#	Size	Class
TLG1401S	12" Small	Class 100 (ISO5)
TGL1402M	12" Medium	Class 100 (ISO5)
TGL1403L	12" Large	Class 100 (ISO5)
TGL1404XL	12" X-Large	Class 100 (ISO5)

Latex Gloves - Boxed 9"

These **Sure Care Powder Free Latex Gloves** are ambidextrous shape, beaded cuff, powder free 9" length. They come in sizes Small to X-Large. Suitable for industrial laboratory applications. These gloves are boxed 100 per carton, 10 boxes per case.

Sure Care™ Latex Gloves (Textured)

Item#	Size	Class
SPFL3102	9" Small	Class 10,000 (ISO7)
SPFL3103	9" Medium	Class 10,000 (ISO7)
SPFL3104	9" Large	Class 10,000 (ISO7)
SPFL3105	9" X-Large	Class 10,000 (ISO7)

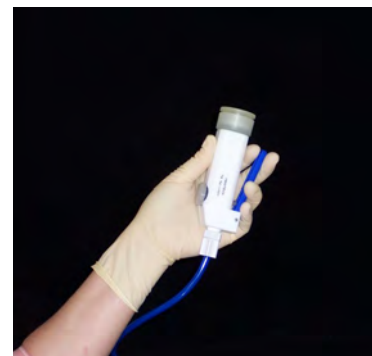


Economical Latex Gloves 9.5"

These **Latex 9.5" Gloves by Techniglove** are ambidextrous, powder free available in sizes X-Small to X-Large. While offered at an attractive price, they are a comfortable and durable glove. Boxed 100 per carton, 10 boxes per case.

Techniglove™ Latex Gloves (Textured)

Item#	Size	Class
TGL20-XS	9.5" X-Small	Class 10,000 (ISO7)
TGL21-S	9.5" Small	Class 10,000 (ISO7)
TGL22-M	9.5" Medium	Class 10,000 (ISO7)
TGL23-L	9.5" Large	Class 10,000 (ISO7)
TGL24-XL	9.5" X-Large	Class 10,000 (ISO7)



Nitrile Gloves



Nitrile Gloves Class 100-Bagged

These 12" **Nitrile Gloves by Techniglove™** are ambidextrous, with Micro-Grip, powder free, available in white or blue. Class M3.5 (100). They are 100% Nitrile, containing no natural rubber or silicone and meet the most stringent requirements for particles and extractables. The proprietary Microtexture offers an exceptional fit and a soft, supple feel. These gloves are manufactured, packaged and tested in an ISO 9002 facility. On-line batch certification is available for all Nitrile products. Packed 100 per bag, ten bags per case.

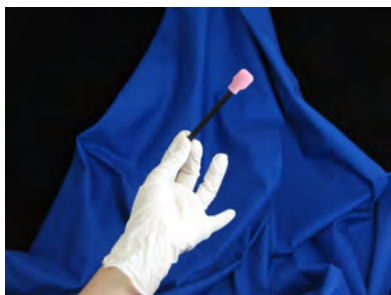
TechNiCleaned, ESD, and USP 797 compliant gloves available.

Techniglove™ Nitrile Gloves Class 100, TechNiCleaned

Item#	Size	Class
TN2000(W,B)XS	12" X-Small	Class 100 (ISO5)
TN2001(W,B)S	12" Small	Class 100 (ISO5)
TN2002(W,B)M	12" Medium	Class 100 (ISO5)
TN2003(W,B)L	12" Large	Class 100 (ISO5)
TN2004(W,B)XL	12" X-Large	Class 100 (ISO5)

Techniglove™ Nitrile Gloves Class 100, TechNiCleaned, ESD Safe

Item#	Size	Class
TN2000(W,B)-EXS	12" X-Small	Class 100 (ISO5), ESD
TN2001(W,B)-ES	12" Small	Class 100 (ISO5), ESD
TN2002(W,B)-EM	12" Medium	Class 100 (ISO5), ESD
TN2003(W,B)-EL	12" Large	Class 100 (ISO5), ESD
TN2004(W,B)-EXL	12" X-Large	Class 100 (ISO5), ESD



Techniglove™ Nitrile Gloves Class 100, US797 Compliant

Item#	Size	Class
TN1000(W,B)XS	12" X-Small	Class 100 (ISO5)
TN1001(W,B)S	12" Small	Class 100 (ISO5)
TN1002(W,B)M	12" Medium	Class 100 (ISO5)
TN1003(W,B)L	12" Large	Class 100 (ISO5)
TN1004(W,B)XL	12" X-Large	Class 100 (ISO5)

Nitrile Gloves Class 10-Bagged

Techniglove™ Nitrile Gloves are 12" length available in sizes X-Small to 2XLarge. Class 10 (ISO4) They are available in white, blue and green. These gloves are bagged 100 per bag, 10 bags per case.

Techniglove™ 12" Nitrile Gloves Class 10

Item#	Size	Class
TN1200(W,B,G)XS	12" X-Small	Class 10 (ISO4)
TN1201(W,B,G)S	12" Small	Class 10 (ISO4)
TN1202(W,B,G)M	12" Medium	Class 10 (ISO4)
TN1203(W,B,G)L	12" Large	Class 10 (ISO4)
TN1204(W,B,G)XL	12" X-Large	Class 10 (ISO4)
TN1205(W,B,G)2X	12" XX-Large	Class 10 (ISO4)



Nitrile Gloves 9.5" Class 100 - Bagged

These **Techniglove™ Nitrile** gloves are 9.5", ambidextrous, powder free, and 5 mil thick with a beaded cuff. They are double bagged for controlled environments, available in sizes X-Small to XX-Large, comes in white. Bagged 100 per polybag, 10 bags per carton.

Techniglove™ 9.5" Nitrile Gloves

Item#	Size	Class
TN300W-XS	9.5" X-Small	Class 100(ISO5) Powder Free
TN301W-S	9.5" Small	Class 100(ISO5) Powder Free
TN302W-M	9.5" Medium	Class 100(ISO5) Powder Free
TN303W-L	9.5" Large	Class 100(ISO5) Powder Free
TN304W-XL	9.5" X-Large	Class 100(ISO5) Powder Free
TN305W-XXL	9.5" XX-Large	Class 100(ISO5) Powder Free

Economical Nitrile Gloves 9.5"- Boxed

These blue **Nitrile Gloves by Techniglove™** are ambidextrous, powder free, with a beaded cuff, and textured. While offered at an attractive price, they are a comfortable and durable glove. Boxed 100 per box, 10 boxes per carton.

Techniglove™ Nitrile Gloves 9.5"

Item#	Size	Class
TG50-XS	9.5" X-Small	Powder Free
TG51-S	9.5" Small	Powder Free
TG52-M	9.5" Medium	Powder Free
TG53-L	9.5" Large	Powder Free
TG54-XL	9.5" X-Large	Powder Free

Nitrile Gloves



Nitrile Gloves 9.5" in Dispenser Box

These **Nitrile Gloves by Techniglove™** come in blue, from sizes X-Small to 2XLarge. This plastic dispenser box is cleaner than the typical cardboard box. Packed 100 per plastic box, 10 boxes per case.

Techniglove™ 9.5" in Dispenser Box

Item#	Size	Class
TN100PFBXS	9.5" X-Small	Powder Free
TN101PFBS	9.5" Small	Powder Free
TN102PFBM	9.5" Medium	Powder Free
TN103PFBL	9.5" Large	Powder Free
TN104PFBXL	9.5" X-Large	Powder Free
TN105PFB2X	9.5" XX-Large	Powder Free

Non-Sterile Nitrile Exam Gloves 9.5" in Dispenser Box

Sure Care™ Non-Sterile Nitrile Exam Gloves are 9.5" long, 4 mils thick and powder free. The gloves have an indigo textured surface and beaded cuff. Boxed 100 per box with 10 dispenser boxes per case.

Sure Care™ Non Sterile Nitrile Exam Gloves

Item#	Size	Class
SC-9010NPFXS	9.5" X-Small	Non-Sterile
SC-9020NPFS	9.5" Small	Non-Sterile
SC-9030NPFM	9.5" Medium	Non-Sterile
SC-9040NPFL	9.5" Large	Non-Sterile
SC-9050NPFL	9.5" X-Large	Non-Sterile
SC-9060NPFL	9.5" X-Large	Non-Sterile

Nitrile X Glove 10"–Boxed

Techniglove™ X Gloves (extra thick 8 mils) are blue, ambidextrous, powder free, and textured. The X Glove is manufactured at 8 mils thick to provide extra strength and protection when you need it. The X Glove complies with 21 CFR, 170-199 and is suitable for use in science labs, pharmaceutical manufacturing and industrial applications. They are packed 50 per box, 20 boxes per case.

Techniglove™ X Glove

Item#	Size	Class
TN8001B	10" Small	8 mils thick
TN8002B	10" Medium	8 mils thick
TN8003B	10" Large	8 mils thick
TN8004B	10" X-Large	8 mils thick
TN8005B	10" XX-Large	8 mils thick



Medical Grade Nitrile Gloves–Boxed

Techniglove™ Medical Grade Nitrile Gloves are blue, ambidextrous, powder free, and textured. The gloves are 4 mils thick and puncture resistant. They are packed 100 per box, 10 boxes per case.

Techniglove™ Medical Grade Nitrile Glove

Item#	Size	Class
RSNE8030	9.5" X-Small	Medical grade, 4 mil
RSNE8031	9.5" Small	Medical grade, 4 mil
RSNE8032	9.5" Medium	Medical grade, 4 mil
RSNE8033	9.5" Large	Medical grade, 4 mil
RSNE8034	9.5" X-Large	Medical grade, 4 mil

Sterile Nitrile Gloves

Nitrile Gloves Sterile 12”



Techniglove™ Sterile 12” Gloves are ambidextrous and textured with a beaded cuff. These sterile nitrile gloves are also compatible with Class 100 environments. Gloves are available pair or bulk packed, Pair packed gloves have 2 gloves per pack, 50 packs per master bag, and 4 master bags (200 pairs/case). Cases of bulk packed gloves are USP 707 compliant and have 10 polybags of 100 gloves each (1000 gloves/case). Gloves come in white or blue, from sizes X-Small to XX-Large.

Techniglove™ Sterile Nitrile Gloves Class 100

Item#	Description	Class	Packed
STN200P	12” Glove, White, X-Small	Class 100 (ISO5)	Pair; 1 pair/pk; 200 pk/case
STN201P	12” Glove, White, Small	Class 100 (ISO5)	Pair; 1 pair/pk; 200 pk/case
STN202P	12” Glove, White, Medium	Class 100 (ISO5)	Pair; 1 pair/pk; 200 pk/case
STN203P	12” Glove, White, Large	Class 100 (ISO5)	Pair; 1 pair/pk; 200 pk/case
STN204P	12” Glove, White, X-Large	Class 100 (ISO5)	Pair; 1 pair/pk; 200 pk/case
STN205P	12” Glove, White, XX-Large	Class 100 (ISO5)	Pair; 1 pair/pk; 200 pk/case
STN1000W	12” Glove, White, X-Small	Class 100 (ISO5)	Bulk; 100 gloves/bg, 10 bg/cs
STN1001W	12” Glove, White, Small	Class 100 (ISO5)	Bulk; 100 gloves/bg, 10 bg/cs
STN1002W	12” Glove, White, Medium	Class 100 (ISO5)	Bulk; 100 gloves/bg, 10 bg/cs
STN1003W	12” Glove, White, Large	Class 100 (ISO5)	Bulk; 100 gloves/bg, 10 bg/cs
STN1004W	12” Glove, White, X-Large	Class 100 (ISO5)	Bulk; 100 gloves/bg, 10 bg/cs
STN1005W	12” Glove, White, XX-Large	Class 100 (ISO5)	Bulk; 100 gloves/bg, 10 bg/cs
STN2000B	12” Glove, Blue, X-Small	Class 100 (ISO5)	Bulk; 100 gloves/bg, 10 bg/cs
STN2001B	12” Glove, Blue, Small	Class 100 (ISO5)	Bulk; 100 gloves/bg, 10 bg/cs
STN2002B	12” Glove, Blue, Medium	Class 100 (ISO5)	Bulk; 100 gloves/bg, 10 bg/cs
STN2003B	12” Glove, Blue, Large	Class 100 (ISO5)	Bulk; 100 gloves/bg, 10 bg/cs
STN2004B	12” Glove, Blue, X-Large	Class 100 (ISO5)	Bulk; 100 gloves/bg, 10 bg/cs
STN2005B	12” Glove, Blue, XX-Large	Class 100 (ISO5)	Bulk; 100 gloves/bg, 10 bg/cs

Mid & High Temperature Gloves Class 100

QRP Inc. PolyTuff® ISO 5 (Class 100) Mid & High Temperature Gloves withstand excursion temperatures from -78.5°F to 450°F (-61.4°C to 232°C) or 210°F to 1400°F (100°F to 760°C).

The 70 series models are made from a silicon formulation polyurethane material which resists solders, solvents fluxes and abrasions. Remains flexible even at elevated temperatures. Provides protection for wet or dry environment Seamless Comfort Curve paired RH/LH gloves minimize hand and finger fatigue.

Our 50 series models are static dissipative (10⁹) and provide dry contact temperature protection against high temperatures without charring or ash residue.

All gloves are free from PCB, asbestos and fiberglass hazards. Non-particulating, cut and abrasion resistant. Micro-coated, high density, continuous filament nylon lining prevents shredding and particulate generation when the gloves are donned or removed. The glove can be steam sterilized. Packaged in pairs.



PolyTuff® Mid and High Temp Gloves Class 100

Item#	Description	Class
50G-M	14" High Temp Glove, Medium	Class 100 (ISO5)
50G-L	14" High Temp Glove, Large	Class 100 (ISO5)
50G-X	14" High Temp Glove, X-Large	Class 100 (ISO5)
70G-M	12" Mid Temp, Wet/Dry Glove, Medium	Class 100 (ISO5)
70G-L	12" Mid Temp, Wet/Dry Glove, Large	Class 100 (ISO5)
70G-X	12" Mid Temp, Wet/Dry Glove, X-Large	Class 100 (ISO5)
73G	12" Mid Temp. Wet/Dry Ambi. Mitt Style	Class 100 (ISO5)

Inspection Gloves



Inspection Gloves

NCI carries a wide selection of cloth gloves for a variety of applications inside and outside a cleanroom. Cotton is economical and comfortable. Nylon offers a more exacting fit and is lint free. Both absorb perspiration which keeps hands cool. ***Inspection gloves - 2 piece construction for extra comfort.** Sold one dozen pairs per pack

Item#	Size	Class
Cotton Lisle 9"		
PI-500	9" Men's lightweight	Un-hemmed
PI-501	9" Ladies' lightweight	Un-hemmed
Stretch Nylon 12"		
PI-702/12	12" Men's Stretch	Rolled Hem
PI-703/12	12" Ladies' Stretch	Rolled Hem
Lightweight, Non Stretch Nylon 9" (size color-coded hem)		
PI-740-S	9" Men's Small	40 Denier Tricot
PI-740-M	9" Men's Medium	40 Denier Tricot
PI-740-L	9" Men's Large	40 Denier Tricot
PI-740-XL	9" Men's X-Large	40 Denier Tricot
PI-740-XXL	9" Men's XX-Large	40 Denier Tricot
PI-741-S	9" Ladies' Small	40 Denier Tricot
PI-741-M	9" Ladies' Medium	40 Denier Tricot
PI-741-L	9" Ladies' Large	40 Denier Tricot
Seamless Knit Nylon 9" (size color-coded hem)		
PI-730-S	9" Small	13 Gauge Lightweight
PI-730-M	9" Medium	13 Gauge Lightweight
PI-730-L	9" Large	13 Gauge Lightweight
PI-730-XL	9" X-Large	13 Gauge Lightweight
*Inspection Gloves 9"-Full Fashion, Ambidex. Stretch Nylon		
PI-700	9" Men's	Heavy Wt., Rolled Hem
PI-701	9" Ladies'	Heavy Wt., Rolled Hem
PI-712	9" Men's	Std. Wt., Rolled Hem
PI-713	9" Ladies'	Std. Wt., Rolled Hem

*Inspection gloves - 2 piece construction for extra comfort.

Cloth Liners

A selection of **Fingerless Cloth Liners** are available. The liners are fingerless to maintain excellent dexterity. Provides added operator comfort by absorbing moisture trapped inside latex, nitrile or other non breathable gloves. (Size coded into hem.)



Cloth Liners 13 Gauge Medium Weight

Item#	Size	Class
PI-732-S	Small	Seamless Knit Nylon
PI-732-M	Medium	Seamless Knit Nylon
PI-732-L	Large	Seamless Knit Nylon
PI-732-XL	X-Large	Seamless Knit Nylon

Packed 12 pairs per pack

Cloth Liners Lightweight

Item#	Size	Class
CL-5303	One Size Fits All	Stretch Nylon

Packed 10 pairs per pack

Vinyl Antistatic Gloves

These **Powder Free PVC Gloves** are ideal for a variety of applications. The ambidextrous gloves offer excellent strength and tactility. Rolled cuff construction for easy donning, fully textured. Antistatic properties make it an excellent choice when handling electronic components. The gloves are 5 mils thick and ambidextrous. Packed 100 per box, 10 boxes per case



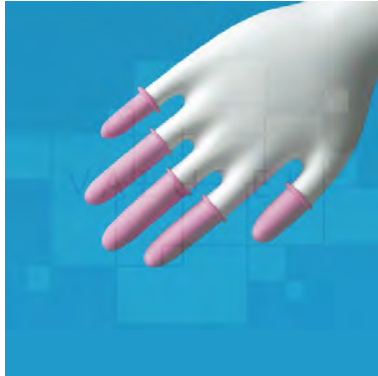
PIP Vinyl Antistatic Gloves 9"

Item#	Size	Class
PI-435PFS	9" Small	Powder Free Vinyl
PI-435PFM	9" Medium	Powder Free Vinyl
PI-435PFL	9" Large	Powder Free Vinyl
PI-435PFX	9" X-Large	Powder Free Vinyl

Finger Cots

Finger Cots

We carry anti-static and powder free cots. See below for recommended class of static sensitive electronic devices, and quantity per bag.



MaxClean Technology™ Anti-Static Latex Fingercots

Item#	Size	Color	Class
FCP-10-S	Small	Pink	Powder Free Latex
FCP-10-M	Medium	Pink	Powder Free Latex
FCP-10-L	Large	Pink	Powder Free Latex
FCH-10-S	Small	Honey	Powder Free Latex
FCH-10-M	Medium	Honey	Powder Free Latex
FCH-10-L	Large	Honey	Powder Free Latex
FCH-10-XL	X-Large	Honey	Powder Free Latex

Bagged 10 gross per bag (1440 total)



MaxClean Technology™ Black Latex Static Dissipative Fingercots

Item#	Size	Class
FCB-5-S	Small Anti-Static	Powder Free Latex
FCB-5-M	Medium Anti-Static	Powder Free Latex
FCB-5-L	Large Anti-Static	Powder Free Latex
FCB-5-XL	X-Large Anti-Static	Powder Free Latex

Bagged 5 gross per bag (720total)



MaxClean Technology™ Yellow Latex Fingercots

Item#	Size	Class
FCY-10-S	Small Super Clean	Powder Free Latex
FCY-10-M	Medium Super Clean	Powder Free Latex
FCY-10-L	Large Super Clean	Powder Free Latex
FCY-10-XL	X-Large Super Clean	Powder Free Latex

Bagged 10 gross per bag (720 total)

MaxClean Technology™ White Nitrile Static Dissipative Fingercots

Item#	Size	Class
FCN-5-S	Small Static Dissipative	White Nitrile
FCN-5-M	Medium Static Dissipative	White Nitrile
FCN-5-L	Large Static Dissipative	White Nitrile

Bagged 5 gross per bag (720 total)

Finger Cot Dispensers

Acrylic Fingercot Dispenser by AK, LTD® keeps your cots dust free and handy without being scattered or lost. Mounts on a wall or use free standing on counter for fast, easy access. Designed with top lid for easy loading, and flip-up access door to allow quick and easy removal. Specify Clear or White PETG.

AK, LTD®

Item#	Size	Description
AK901	Small Dispenser	6"W x 11¼"H x 9"D
AK244	Large Dispenser	17¼"W x 12"H x 9¼"D



Chemical Resistant Gloves 12"

These **Chemical Resistant Glove 12"** are made of unsupported latex. Acid and solvent resistant, 16 or 18 mils thick, diamond grip, unlined, pinked or rolled cuff, hand specific. Available in sizes S-XL, packed in pairs, 72 pairs per case.

Chemical Resistant Latex Glove

Item#	Size	Description
PI-L161B	12" long, 16 Mil	Blue Chemical Glove, Pinked Cuff
PI-L161N	12" long, 16 Mil	Neutral Chemical Glove, Pinked Cuff
PI-L161Y	12" long, 18 Mil	Yellow Chemical Glove, Rolled Cuff



Acid Resistant Gloves 15"

North Acid Resistant Gloves are 15" long, 20 Mils thick. Packed 100 per case.

Item#	Size	Description
AK1815009	15" Size 9	Acid Resistant Glove
AK1815010	15" Size 10	Acid Resistant Glove

Acid Resistant Gloves 16"

These **Acid Resistant Gloves** are made of neoprene. They are available in size 9.5 only. Packed 12 pairs per case

Item#	Size	Description
B-679R	16" Size 9.5	Acid Resistant Gloves



Glove Dispensers



Glove Dispensers

Glove Dispensers make protection convenient while reducing waste and contamination. Each dispenser is wall mountable or may be used free standing. Accommodates all manufacturer's sizes. Holds boxed, loose or packaged gloves for one at a time retrieval. Choose from single, double or triple dispensers. Available in Clear, Black, or White 1/8" PETG.

AK, LTD®

Item#	Size	Class
AK-777 (C,B,W)	Single glove dispenser	6 5/8" W x 11 1/8" H x 4 1/4" D
AK-777-2(C,B,W)	Double glove dispenser	13"W x 11"H x 4 1/4"D
AK777-3(C,B,W)	Triple glove dispenser	19 5/8"W x 11"H x 4 1/4"D

Hand Specific & 3 Compartment Glove Dispensers

Dividers separate right from left, or by size. Keeps gloves clean, accessible and ready to use. Radius on opening of hand specific dispenser protects employees and gloves from plastic cuts or tears. Three compartment dispenser has mushroom openings at the base to allow one at a time retrieval. Both dispensers have hinged lids, and are free standing. Available in Amber or Clear 1/4" Acrylic.



AK, LTD®

Item#	Size	Class
AK794(A,C)	Hand Specific (2) Dispenser	12"W x 7 3/4 "H x 15"D
AK793(A,C)	3 Compartment Dispenser	24 1/2" W x 4 1/2" H x 14 3/4"D



Hand Specific Bulk Glove Bin

Hold bulk gloves in one clean convenient location. Separate left from right, or by size, open top. Free standing, made of 1/4" clear acrylic.

AK, LTD®

Item#	Size	Class
AK-1401	Bulk Glove Bin	17"W x 7"H x 13"D

For more Glove Dispensers see our Dispenser Section "J"

Safety Products



Safety Cabinets - Flammables

Justrite® Sure-Grip EX Cabinets	Q-2
Justrite® Wall Mount Sure-Grip	Q-2
Justrite® Wall Mount Aerosol Cabinet	Q-2
Justrite® Under Counter Sure-Grip	Q-3
Justrite® Countertop and Compact	Q-3
Justrite® Piggyback Cabinets	Q-3

Safety Cabinets - Specialty

Justrite® Laboratory Cabinets	Q-4
Justrite® Combustibles Cabinets	Q-4
Justrite® Corrosive Cabinets	Q-5
Justrite® Wood Laminate Cabinet	Q-6
Justrite® Polyethylene Cabinet	Q-6

Safety Spill Products

Spilfyter® HD Spill Pillow	Q-7
Spilfyter® LD Spill Pads	Q-7
Spilfyter® Spill Station	Q-7

Eye Protection

Crews Klondike® Safety Glasses	Q-8
Crews Checklite® Safety Glasses	Q-8
AOSafety Chemical Splash Goggles	Q-8
Uvex Stealth® Goggles	Q-8

Hearing Protection

Laser Lite® Earplugs	Q-9
Laser Trak® Detectable Earplugs	Q-9
Leightning® Noise Block Earmuffs	Q-9

Safety Cabinets - Flammables

Justrite® Sure-Grip® EX Safety Cabinets

Justrite's Sure-Grip® EX safety cabinets offer exclusive features to make your workplace extra safe, extra secure. Unique differences in Justrite's cabinets include U-Lock™ lockable padlock handle, Haz-Alert™ reflective warning labels, sturdy SpillSlope™ shelves, 3-point stainless steel bullet self-latching system and welded construction help reduce fire risks while offering added convenience and safety. High performance, long life design is backed by an industry first 10 year warranty. All Purpose, Yellow in color.

Other sizes available, contact NCI for more information.

Sure-Grip® EX
Safety Cabinet
894500



Item#	Description	No. Shelves	Dimensions (H x W x D)	Capacity	Ship Wt.
893000	Manual Close 2 Door Cabinet	1	44" x 43" x 18" (1118 x 1092 x 457)	30 Gal./114 L	221 lbs./100 kgs.
894500	Manual Close 2 Door Cabinet	2	65" x 43" x 18" (1651 x 1092 x 457)	45 Gal./170 L	299 lbs./136 kgs.
896000	Manual Close 2 Door Cabinet	2	65" x 34" x 34" (1651 x 864 x 864)	60 Gal./227 L	366 lbs./166 kgs.

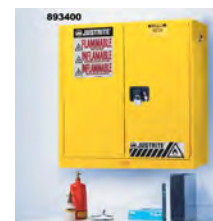
Safety Cabinet Extra Accessories

Item#	Description	Dimensions (W x D)	Fits Cabinets	Ship Wt.
29937	SpillSlope™ Steel Shelf	39 3/8" x 14" (1000 x 356)	30 & 45 Gal.-43" W	10 lbs./5 kgs.
29942	SpillSlope™ Steel Shelf	32 3/8" x 20" (822 x 508)	30 Gal.-36" W	12 lbs./5 kgs.
29944	SpillSlope™ Steel Shelf	30 3/8" x 29" (771 x 737)	60 Gal.-34" W	16 lbs./7 kgs.

Wall Mount Sure-Grip® EX Safety Cabinet

Wall Mount Sure-Grip® Safety Cabinets by Justrite® make the most of usable storage space. These cabinets are ideal for storing small containers near work areas without taking up extra floor space. Eye-level positioning allows for easy access to solvents. Only 12" (305mm) deep, the 20-gallon (76L) model features five adjustable shelves to accommodate multiple containers. Both sizes come complete with wall mounting hardware. Color yellow.

Item#	Description	No. Shelves	Dimensions (H x W x D)	Capacity	Ship Wt.
8917008	Manual Close 2 Door Wall Mount Cabinet	1	24" x 43" x 18" (610 x 1092 x 457)	17 Gal./64 L	153 lbs./69 kgs.
893400	Manual Close 2 Door Wall Mount Cabinet	5	44" x 43" x 12" (1118 x 1092 x 305)	20 Gal./76 L	205 lbs./ 93 kgs.



Wall Mount Sure-Grip® EX Cabinet for Aerosol Cans

Item#	Description	Adjustable Shelves	Ext. Dimensions	Capacity	Ship Wt.
8934016	Manual Close 2 Door Wall Mount Cabinet	3	44" x 43" x 12" (1118 x 1092 x 305)	168 cans	205lbs./93 kgs.



Safety Cabinets - Flammables

Under Counter Sure-Grip® EX Cabinet

Under Counter Sure-Grip® Cabinets by Justrite® provide quick access at workstations by taking advantage of undercounter space for the safe storage of flammables. Cabinet is sized and fitted with a recessed 3½" H x 2 ½" D (89 x 64mm) kickplate to mount flush with other cabinetry. Dual vents with flash arresters are located on the back wall for easy connection if ventilation is needed. Leveling feet adjust to 1⅞" (29mm) for alignment on uneven floors. Cabinet height raises ⅝" (16mm) with leg levers fully extended. Colors available: Yellow (0), Red (1), Gray (3), or White (5), X = color (insert number when ordering).



Item#	Description	No. Shelves	Dimensions (H x W x D)	Capacity	Ship Wt.
89230(X)	Manual Close 2 Door Under Counter Cabinet	1	35" x 35" x 22" (889 x 889 x 559)	22 Gal./83L	190 lbs./86 kgs.
89232(X)	Self-Close 2 Door Under Counter Cabinet	1	35" x 35" x 22" (899 x 889 x 559)	22 Gal./83L	192 lbs./ 87 kgs.

Countertop and Compact Sure-Grip® EX Safety Cabinets



Countertop and Compact Sure-Grip® EX Safety Cabinets by Justrite® store smaller quantities of flammable liquids at work-station or adding to existing storage capacities. Countertop and Compact cabinets make it possible to store flammables safely even when available space is at a minimum. Supplied with one adjustable shelf, these cabinets have the same great features of Justrite's larger cabinets. Colors available: Yellow (0), Red (1), Gray (3), or White (5), X = color.

Item#	Description	No. Shelves	Dimensions (H x W x D)	Capacity	Ship Wt.
89040(X)	Manual Close 1 Door Countertop/Compact Cabinet	1	22" x 17" x 17" (559 x 432 x 432)	4 Gal./15L	62 lbs./28 kgs.
89120(X)	Manual Close 1 Door Countertop/Compact Cabinet	1	35" x 23¼" x 18" (889 x 591 x 457)	12 Gal./45L	120 lbs./54 kgs.
89150(X)	Manual Close 1 Door Countertop/Compact Cabinet	1	44" x 23¼" x 18" (1118 x 591 x 457)	15 Gal./57L	154 lbs./70 kgs.

Piggyback Sure-Grip® EX Safety Cabinets

Justrite's Piggyback Sure-Grip® Cabinets provide additional safe storage for flammables without taking up valuable floor space. Designed to mount on top of Justrite's standard 30 and 45 gallon (114 and 170L) manual or self-close cabinets. They can also be used singly as a bench-top cabinet or stacked to provide additional storage. Piggyback cabinets also lend themselves to wall mounting with the purchase of a wall hanger assembly. Colors available: Yellow (0), Red (1), Gray (3), or White (5), X = color (insert number when ordering).



Item#	Description	No. Shelves	Dimensions (H x W x D)	Capacity	Ship Wt.
89130(X)	Piggyback Sure-Grip EX Safety Cabinets	none	18" x 43" x 18" (457 x 1092 x 457)	12 Gal./45L	129 lbs./59 kgs.
89170(X)	Piggyback Sure-Grip EX Safety Cabinets	1	24" x 43" x 18" (610 x 1092 x 457)	17 Gal./64L	148 lbs./67 kgs.

Laboratory Cabinets - Flammables

Under Fume Hood Cabinets

Under Fume Hood Cabinets by Justrite® are fully compliant and designed for the safe storage and venting of solvents and flammable liquids. Ideal in laboratories under fume hoods, benches or counters, these cabinets are available in four widths ranging from 24" (610mm) to 48" (1219mm). Single door cabinets are offered in either left or right hinge door closures for easy operation where space is at a premium. Back wall vents with built-in flame arresters are positioned at lower left and top right for jurisdictions that mandate venting of vapors. Finished in durable, chemical resistant powder paint, these cabinets come in three color choices to complement new or existing casework: safety yellow (0), stainless silver (4), or neutral (7). Self closing doors are available.



Item#	Description	Dimensions (H x W x D)	Capacity	Ship Wt.
88240X	Under Fume Hood Cabinets, 1 Door, Right Hinge, Manual	35¾" x 24" x 21⅝" (908 x 610 x 549)	15 Gal./57L	146 lbs./66 kgs.
88241X	Under Fume Hood Cabinets, 1 Door, Left Hinge, Manual	35¾" x 24" x 21⅝" (908 x 610 x 549)	15 Gal./57L	146 lbs./66 kgs.
88300X	Under Fume Hood Cabinets, 2 Doors, Manual	35¾" x 30" x 21⅝" (908 x 762 x 549)	19 Gal./72L	176 lbs./80 kgs.
88360X	Under Fume Hood Cabinets, 2 Doors, Manual	35¾" x 36" x 21⅝" (908 x 914 x 549)	23 Gal./87L	193 lbs./ 88 kgs.
88480X	Under Fume Hood Cabinets, 2 Doors, Manual	35¾" x 48" x 21⅝" (908 x 1219 x 549)	31 Gal./117L	240 lbs./109 kgs.

Sure-Grip® Safety Cabinets - Combustibles



Sure Grip® Safety Cabinets for Combustibles by Justrite® allow you to separate and identify Class III combustibles in high performance paint and ink safety storage cabinets. Multiple adjustable shelves accommodate many smaller paint cans, aerosols and inks found in printing, painting, furniture and automotive operations. Self closing doors and other sizes available. Colors: Red, some models also available in Yellow.

Wall mount style features a shallow depth for organized storage of aerosol cans and other small containers. It comes with mounting hardware and holds over 100 aerosol cans.

OSHA and NFPA compliant, Justrite's FM approved Safety Cabinets for combustibles are backed by Justrite's Ten-Year Warranty.

Item#	Description	No. of Shelves	Dimensions (H x W x D)	Capacity	Ship Wt.	Colors
891511	Safety Cabinets for Combustibles, 1 Door, Manual	2	44" x 23¼" x 18" (1118 x 591 x 457)	20 Gal./76L	156 lbs./71 kgs.	Red Only
893011	Safety Cabinets for Combustibles, 2 Door, Manual	3	44" x 43" x 18" (1118 x 1092 x 457)	40 Gal./151L	223 lbs./101 kgs.	Red or Yellow
894511	Safety Cabinets for Combustibles, 2 Door, Manual	5	65" x 43" x 18" (1651 x 1092 x 457)	60 Gal./227L	303 lbs./137 kgs.	Red or Yellow

Safety Cabinets - Corrosives

Blue Steel Sure-Grip® EX Safety Cabinets

Justrite's Steel Cabinets for Corrosives come in standard 30, 45, and 60 gallon (114, 170 & 227L) sizes as well as Compac, Countertop, Undercounter and Piggyback styles. All models have the same quality features as Justrite's flammables cabinets including: double-wall construction, dual vents, grounding wire connections, adjustable shelves, leak-proof sills, three-point self-latching doors and leveling feet. To resist aggressive chemicals, acid cabinets also include polyethylene trays that sit on top of galvanized steel shelves and a separate polyethylene liner for the bottom sump. The liner can be removed for easy cleaning of drips and leaks. The popular 30-gallon (114L) two door cabinet also includes an extra polyethylene top work tray which can be secured to

cabinet-top for a handy work surface. An all-epoxy baked-on powder coat finish, inside

-and -out provides increased chemical resistance. Paint is exclusively formulated to resist the acids, bases and solvents often used in laboratories. Color is blue, self closing doors and other sizes are available. Contact NCI for more information.



Item#	Description	No. of Shelves	Dimensions (H x W x D)	Capacity	Ship Wt.
893002	Steel Corrosive Cabinets, 2 Door, Manual Close	1	44" x 43" x 18" (118 x 1092 x 457)	30 Gal./114L	222 lbs./101 kgs.
893302	Steel Corrosive Cabinets, 2 Door, Manual Close	1	35" x 36" x 24" (889 x 914 x 610)	30 Gal./114L	206 lbs./ 93 kgs.
894502	Steel Corrosive Cabinets, 2 Door, Manual Close	2	65" x 43" x 18" (1651 x 1092 x 457)	45 Gal./170L	301 lbs./137 kgs.
896002	Steel Corrosive Cabinets, 2 Door, Manual Close	2	65" x 34" x 34" (1651 x 864 x 864)	60 Gal./227L	368 lbs./167 kgs.
899002	Steel Corrosive Cabinets, 2 Door, Manual Close	2	65" x 43" x 34" (1651 x 1092 x 864)	90 Gal./341L	423 lbs./192 kgs.

Blue Steel Sure-Grip® EX Countertop & Compact, Piggyback, Under Counter



Specially-sized Cabinets for Corrosives by Justrite® offer a unique opportunity to customize work areas and make the most of available space. Whether adding to existing storage space or making solvents readily available at workstation locations, these smaller-sized cabinets are

the solution when space is at a premium. Cabinets have the same features as Justrite's larger cabinets in a convenient compact size.

Piggyback Cabinets below mount on top of standard 30 and 45 gallon (114 & 170L) safety cabinets. They can be used singly or stacked to provide additional storage. **Undercounter Cabinets** make good use of under-counter space.

Item#	Description	No. of Shelves	Dimensions (H x W x D)	Capacity	Ship Wt.
890402	Steel Corrosive Countertop Cabinets, 1 Door, Manual	1	22" x 17" x 17" (559 x 432 x 432)	4 Gal./15L	63 lbs./29 kgs.
891202	Steel Corrosive Countertop Cabinets, 1 Door, Manual	1	35" x 23¼" x 18" (889 x 591 x 457)	12 Gal./45L	121 lbs./55 kgs.



Piggyback

Blue Steel Sure-Grip® EX Piggyback, Under Counter Cabinets

Item#	Description	No. of Shelves	Dimensions (H x W x D)	Capacity	Ship Wt.
891302	Steel Corrosive Piggyback Cabinets, 2 Door, Manual	none	18" x 43" x 18" (457 x 1092 x 457)	12 Gal./45L	130 lbs./59 kgs.
891702	Steel Corrosive Piggyback Cabinets, 2 Door, Manual	1	24" x 43" x 18" (610 x 1092 x 457)	17 Gal./64L	149 lbs./68 kgs.
892302	Steel Corrosive Under Counter Cabinets, 2 Door, Manual	1	35" x 35" x 22" (889 x 889 x 559)	22 Gal./83L	192 lbs./87 kgs.



Specialty Cabinets - Corrosives

Justrite Blue Wood Laminate Storage Cabinets

Justrite's Wood Laminate Storage Cabinets are suitable for highly corrosive liquids such as phenol, nitric acid and sulfuric acid. Long lasting wood construction provides exceptional strength along with stainless steel handles and hinges to resist corrosion from harsh acids. Shelves adjust on 1 1/4" (32mm) centers to accommodate a wide variety of containers. Cabinets include adjustable leg levelers, patent pending Haz-Alert™ reflective labels, and double key set for safety and security.

Countertop Model No. 24120 is ideal for smaller quantities used at workbench level. Undercounter Model No. 24140 can also be used free standing and includes a removable, easy-to-clean polyethylene work surface top which is recessed 5/8" (16mm) to help contain incidental leaks.



Item#	Description	No. of Shelves	Dimensions (H x W x D)	Capacity	Shelf Load	Ship Wt.
24120	Wood Laminate Cabinet, 2 Door, Manual Close	None	18 1/2" x 24" x 16" (470 x 610 x 406)	(6) 2.5-Liter	-	52 lbs./24 kgs.
24140	Wood Laminate Cabinet, 2 Door, Manual Close	1	35 3/4" x 36" x 22" (908 x 914 x 559)	(36) 2.5 Liter	120 lbs.	181 lbs./82 kgs.
24150	Wood Laminate Cabinet, 2 Door, Manual Close	2	60" x 42" x 17 7/8" (1524 x 1067 x 454)	(49) 2.5 Liter	120 lbs.	276 lbs./125 kgs.

Polyethylene Acid and Corrosives Cabinets



Justrite's One Piece Seamless Polyethylene Cabinets offer maximum protection against harsh acids and corrosives. Both models clearly labeled for ACID contents and accept a padlock (not included) for security.

Countertop Polyethylene Cabinet stores up to two 4-liter bottles. Door can be hinged from either side for best countertop space utilizations. Polyethylene spill tray inside contains leaks and removes for easy cleaning. A separate polyethylene tray stores under cabinet and can be used as a handy work tray.

Undercounter Polyethylene Cabinet safely stores thirty 1-liter bottles or a variety of containers. Each segregated compartment has an adjustable shelf and storage in both doors for small containers. Two removable sumps slide out for easy cleaning of incidental spills. Two vent holes (with removable caps) on backside accommodate pressurized vapor removal systems.

Item#	Description	No. of Shelves	Dimensions (H x W x D)	Capacity	Shelf Load	Ship Wt.
24040	Poly. Cabinet, Countertop, 1 Door, Manual Close	none	19 1/2" x 14 1/4" x 16 1/4" (495 x 362 x 413)	(2) 4 Liter	-	21 lbs./10 kgs.
24160	Poly. Cabinet, Under Counter, 2 Door, Manual Close	2	35" x 36" x 23 1/2" (889 x 914 x 597)	(30) 1 Liter	100 lbs.	80 lbs./36 kgs.

Safety Spill Products

Spilfyter® Low Lint HD Pillow

The Spilfyter® Lab/Cleanroom Low-Lint Heavy Duty Pillow by NPS Corp. is a premium sorbent for extended-use, with high durability. Designed specifically with the lab or cleanroom environment in mind. Hazmat pads encased in tear resistant, low lint Spunbond material. Color is Yellow.

and weights for multiple use applications. Contain spills and prevent migration.



Use Low-Lint pillows to keep work areas safe, free from spills and from liquid or chemical over-run. Available in various sizes

Item#	Description	Absorbency	Packed
222016	Spilfyter HD Pillow, 18" x 18" (45.72 x 45.72 cm)	19 Gal./ 72 L	12/pkg.

Spilfyter® Low-Lint Light Duty Pad

The Spilfyter® Lab/Cleanroom Low-Lint Light Duty Pad by NPS Corp. is a premium sorbent for extended use with high durability. Designed specifically with the lab or cleanroom environment in mind.

These hazmat pads are encased in tear resistant, low-lint Spunbond. Color of these pads is yellow.



Use low-lint pads to keep work areas safe, free from spills, and from liquid or chemical over-run. Available in two sizes for multiple use applications. Contain spills and prevent migration.

Item#	Description	Absorbency	Packed
223122	Spilfyter Light Duty Pad 12" x 12" (30.48 x 30.48 cm)	6 Gal./23 L	50/pkg.
223182	Spilfyter Light Duty Pad 18" x 18" (45.72 x 45.72 cm)	14 Gal./53 L	50/pkg.

Spilfyter® Spill Station - Lab / Cleanroom ABS Cabinet



The Spilfyter® Spill Station for Lab or Cleanroom use by NPS Corp provides a space-saving option for storing sorbent materials in labs and cleanrooms. All sorbents are poly-bagged and heat sealed.

Components:

- (10) 12" x 12" Light-Duty Cleanroom Pads
- (10) 8.5" x 17" Medium Duty CR Pads
- (2 pr.) Nitrile Gloves
- (2) Poly Aprons
- (2 pr.) Splash Goggles
- (2) Disposal Bags & Twist Ties
- (1) Plastic Cabinet w/clear hinged door (Cabinet measures 18.5" x 15.5" x 9")

Item#	Description	Packed
222800	Spilfyter Spill Station 18.5" x 15.5" x 9"	1/box

Eye Protection

Crews Klondike® Safety Glasses



Klondike Safety Glasses are a popular frame style that fits a wide variety of head shapes. Features strong, lightweight polycarbonate lens with 11-base curve, adjustable temples and soft gel nosepiece. Filters 99.9% of UV radiation. Meets ANSI Z87.1-2003 High Impact.

Item#	Description	Packed
KD110	Black Frame, Clear Lens Klondike Safety Glasses	12/box
KD110AF	Black Frame, Clear Lens, Anti-fog Klondike Safety Glasses	12/box

Crews Checklite® Safety Glasses

Checklite® Safety Glasses have a flexible spatula temple design for a comfortable fit during long use. Nearly total eye-orbit seal assures the highest level of protection, and lightweight, polycarbonate lens filters over 99.9% of UV radiation. Some styles have the exclusive Duramass® scratch-resistant or Duaramass® anti-fog lens coatings. Meets ANSI Z87.1-2003 High Impact.



Item#	Description	Packed
CL010	Clear Frame, Clear Uncoated Lens	12/box

AOSafety Chemical Splash Goggles

The **AOSafety 334 Chemical Splash Goggles** have indirect venting making these goggles ideal for chemical splash applications. Lightweight design features impact-resistant, clear polycarbonate lens that blocks 99.0% of UV radiation. Meets ANSI Z87.2003 High Impact.



Item#	Description	Packed
40660-00000	Chemical Splash Goggles Clear Frame, Clear Lens	24/box
40661-00000	Chemical Splash Goggles, Clear Frame, Clear Anti-fog Lens	24/box

Uvex Stealth® Goggles

Uvex Stealth® Goggles feature lightweight comfort, low-profile design, and toric lenses for superior optics and peripheral vision. Unique lens system for quick and simple replacement. The UVextreme anti-fog coating and indirect ventilation system minimize fogging and direct air flow over the lens. Quick-adjust headband clips permit fast and easy fitting even on hard hats. Rx insert available. Meets ANSI Z87.1-2003 High Impact and CSA Z94.3. Made in USA.



Item#	Description	Packed
S3960C	Uvex Stealth, Indirect Vent w/ Neoprene Headband, Gray/Gray	50/box
S39610C	Uvex Stealth, Indirect Vent w/ Neoprene Headband, Teal/Gray	50/box

Hearing Protection

Laser Lite® Earplugs

Single-use Howard Leight Earplugs by Honeywell feature self-adjusting polyurethane foam that expands to fit virtually every wearer. Contoured T-shape for easy insertion and wear. Vibrant magenta/yellow color. Tested to ANSI S3-19-1974.



Item#	Description	Packed
LL-1	Laser Lite, uncorded, poly-bag	200 pr/box
LL-30	Laser Lite corded, poly-bag	100 pr/box
LL-LS4	Laser Lite uncorded , refill	200 pr/box

Laser Trak® Detectable Earplugs

These **Single-use Detectable Earplugs by Howard Leight** feature self-adjusting polyurethane foam to fit virtually any wearer and contoured T-Shape to deliver easy handling. Non-ferrous metal grommet is detectable by automated processes.

Bright orange/blue color for easy compliance checks. Specially created for environments where contamination from foreign objects is unacceptable. Blue poly cord attached. Tested to ANSI S3.19-1974



Item#	Description	Packed
LT-30	Laser Trak Detectable, corded, poly-bag	100 pr/box

Leightning® Noise Blocking Earmuffs

Leightning® Noise Blocking Earmuffs by Honeywell feature Steel wire construction which stands up to daily use and abuse without compromising comfort. Padded foam headband and super soft ear cushions eliminate that "squeezing pressure" on the head. Patented Air Flow Control technology for optimal attenuation across all frequencies and snap-in ear cushions for easy maintenance. Cap mounted styles include pair of adapters. Tested to ANSI S3.19-1974



Item#	Description	Packed
L-1	Leightning Headband Light Gray	1 per pkg.
L-2	Leightning Headband Dark Gray	1 per pkg.
L-3	Leightning, Headband Black	1 per pkg.

Wipes



Anti-Static	R-6
Biodegradable Rayon	R-3
Compo	R-5
Cotton Wipers	R-6
General Purpose	
Industrial Wipes	R-8-9
Soft-Tech Wipes	R-8
MegaClean Wipes	R-12
Non Woven Poly-Cellulose	R-5
Polyester Inspection	R-4
Polyester Heavy Weight	R-3
Polyester Sealed Edge	R-2
Polyester Standard Weight	R-3
Presaturated Wipes	R-7
Sponges, Foam Wipes	R-10-11
Stainless Steel Cleaner	R-12
Sterile	R-4
Wiper Dispensers	R-7



Laundered Polyester Wipes Sealed Edge

These wipes are made of 100% continuous filament polyester in a double-knit interlock, no-run circular pattern, heat sealed edge.

Laundered wipes are extremely low in particle generation and soluble extractables. They have laser heat sealed edges, are laundered in ultra-filtered water and dried in a HEPA filtered Class 10 air stream. Each wipe is inspected and sealed in packages within a Class 10 cleanroom.

Laundered Polyester Wipers with Sealed Edge

Code Number	Size	Description	Packaging	Class
LymTech®				
LT-7225SE-99	9" x 9"	Laser, hvy. wt.	150/bag, 5 bags/case	10(ISO4)
LT-7225SE-1212	12" x 12"	Laser, hvy. wt.	75/bag, 10 bags/case	10(ISO4)
LT-XCLITE-99	9" x 9"	Laser, lt. wt.	150/bag, 10 bags/case	10(ISO4)
LT-XCLITE-1212	12" x 12"	Laser, lt. Wt.	100/bag, 10 bags/case	10(ISO4)
LT-XCHEAVY-44	4" x 4"	Laser, hvy. wt.	300/bag, 16 bags/case	10(ISO4)
LT-XHEAVY-99	9" x 9"	Laser, hvy. wt.	150/bag, 8 bags/case	10(ISO4)
LT-XHEAVY-1212	12" x 12"	Laser, hvy. wt.	100/bag, 8 bags/case	10(ISO4)
NCI				
W-PSLS-44	4" x 4"	Laser, std. wt.	600/bag, 8 bags/case	10(ISO4)
W-PSLS-99	9" x 9"	Laser, std. wt.	150/bag, 8 bags/case	10(ISO4)
W-PSLS-1212	12" x 12"	Laser, std. wt.	100/bag, 8 bags/case	10(ISO4)
W-PSLS-1818	18" x 18"	Laser, std. wt.	40/bag, 12 bags/case	10(ISO4)
W-PSHS-99	9" x 9"	Heat Seal, std. wt.	150/bag, 10 bags/case	10(ISO4)
W-PHUS-99	9" x 9"	Ultrasonic, std. wt.	150/bag, 10 bags/case	10(ISO4)

Call NCI for information on other available sizes.

Laundered Polyester Wipes Heavy Weight

Our heavier weight wipes are made of 100% continuous filament polyester in a double-knit interlock, no run circular pattern, selvage edge, circular knife cut.



Laundered wipes are extremely low in particle generation and soluble extractables. They have laser heat sealed edges, are laundered in ultra-filtered water and dried in a HEPA filtered Class 10 air stream. Each wipe is inspected and sealed in packages within a Class 10 cleanroom.

Heavy Wt. Laundered Polyester Wipers, 132 g/m²

Code Number	Size	Packaging	Class
LymTech®			
LT-7225-44	4" x 4"	600/bag, 4 bags/case	100(ISO5)
LT-7225-99	9" x 9"	150/bag, 5 bags/case	100(ISO5)
LT-7225-1212	12" x 12"	100/bag, 4 bags/case	100(ISO5)

Biodegradable Rayon Wipers

These wipes are made of 100% hydro-entangled rayon. They are an absorbent, biodegradable cleanroom wipe that can withstand high temperatures without melting.



Code Number	Size	Packaging	Class
LymTech®			
LT-XL7400-44	4" x 4"	1200/bag, 6 bags/case	100(ISO5)
LT-XL7400-99	9" x 9"	300/bag, 6 bags/case	100(ISO5)
LT-XL7400-1212	12" x 12"	150/bag, 10/case	100(ISO5)

Laundered Polyester Wipes Standard Weight

These lighter wipers are made of 100% continuous filament polyester in a double-knit interlock, no-run circular pattern, selvage edge, circular knife cut.



Laundered polyester wipers are extremely low in particle generation and soluble extractables. They are laundered in ultra-filtered water and dried in a HEPA filtered Class 100 air stream. Each wiper is inspected and sealed in packages within a Class 100 cleanroom.

Standard Wt. Laundered Polyester Wipers, 118 g/m²

Code Number	Size	Packaging	Class
NCI			
W-PSLK-44	4" x 4"	600/bag, 5 bags/case	100(ISO5)
W-PSLK-99*	9" x 9"	150/bag, 10 bags/case	100(ISO5)
W-PSLK-1212	12" x 12"	75/bag, 12 bags/case	100(ISO5)
LymTech®			
LT-7220-44	4" x 4"	600/bag, 8 bags/case	100(ISO5)
LT-7220-99	9" x 9"	150/bag, 8 bags/case	100(ISO5)
LT-7220-1212	12" x 12"	100/bag, 6 bags/case	100(ISO5)

Call NCI for information on other sizes available.

Sterile and Gamma Irradiated Wipers

Pharmaceutical and biotechnological processing require the utmost in cleanliness and sterility of environment. By using laundered, gamma irradiated, validated wipes you can reach your goal of providing the best finished product to your industry. Sterile wipes poly/cellulose fiber content.



Sterile Wipers

Code Number	Size	Packaging	Class
LymTech®			
LT-7220VS-99	9" x 9"	20/bag, 6 bags/pk, 6pks/cs	10(ISO4)
LT-7220VS-1212	12" x 12"	10/bag, 10 bags/pk, 8pks/cs	10(ISO4)
LT-C1VS-99	9" x 9"	10/bag, 10bags/pk, 12pks/cs	10(ISO4)
LT-C1VS-1212	12" x 12"	10/bag, 10bags/pk, 4pks/cs	10(ISO4)

Gamma Irradiated Wipers

Code Number	Size	Material	Packaging
LymTech®			
LT-7225GR-99	9" x 9"	Laundered Heavy Weight Polyester Knit	10/bag, 10 bags/pk, 10pks/cs
LT-7225GR-1212	12" x 12"	Laundered Heavy Weight Polyester Knit	10/bag, 10 bags/pk, 10pks/cs
LT-C30GR-99	9" x 9"	Standard Weight Polyester/Cellulose	10/bag, 10 bags/pk, 20 pks/cs
LT-C30GR-1212	12" x 12"	Standard Weight Polyester/Cellulose	25/bag, 6 bags/pk, 8 pks/cs
LT-C3GR-99	9" x 9"	Standard Weight 100% Polyester	25/bag, 5 bags/pk, 12 pks/cs
LT-C3GR-1212	12" x 12"	Standard Weight 100% Polyester	25/bag, 6 bags/pk, 8 pks/cs
LT-TJGR-99	9" x 9"	Woven 100% Cotton Twill Jean	300/bag, 1 bag/pk, 4 pks/cs
LT-TJGR-1212	12" x 12"	Woven 100% Cotton Twill Jean	25/bag, 6 bags/pk, 6pks/cs

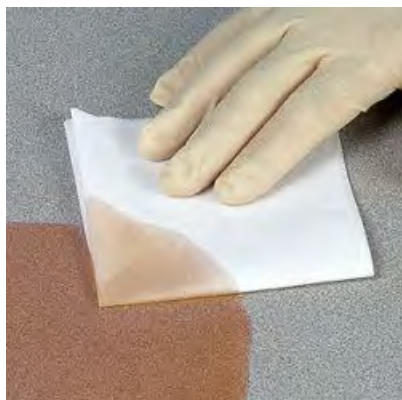
Polyester Inspection Wipers

Purity Wipers by LymTech are comprised of 100% continuous filament blue polyester fiber that is especially absorbent and clean. The knit construction has been developed to ensure integrity and cleaning performance.

Laundered wipes are extremely low in particle generation in soluble extractables. They are laundered in ultra-filtered water and dried in a HEPA filtered class 1 air stream.



Code Number	Size	Packaging	Class
LymTech®			
LT-7220B-99	9" x 9" std. wt.	100/bag, 8 bags/case	10(ISO4)



Non Woven Wipes

White hydro-entangled, non-woven cellulose/polyester blend formed without binders, starches, or thermal bonding techniques for a chemically pure sheet that is strong, clean and absorbent. Electrostatic dissipative and compatible with Class 100 (ISO5) environments.

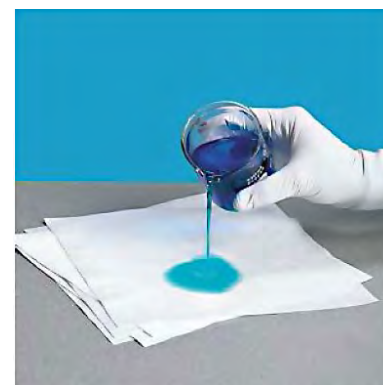
This highly absorbent and strong media is non-linting. It is commonly used where liquid retention is important. It is a great wipe for general applications in area wipe down and product.

Code Number	Size	Packaging	Class
NCI			
W-SNTR-44	4" x 4"	1200/bag, 12/case	100(ISO5)
W-SNTR-99	9" x 9"	300/bag, 12/case	100(ISO5)
W-SNTR-1212	12" x 12"	150/bag, 10/case	100(ISO5)
W-SNTR-1818	18" x 18"	75/bag, 10/case	100(ISO5)
LymTech®			
LT-AIL-99	9" x 9"	300/bag, 12/case	100(ISO5)

Compo Wipe

This LymTech wipe is a composite of super absorbent cellulose thermally bonded between two outer layers of tough abrasion resistant polypropylene. The combination has a unique synergistic effect. The polypropylene has excellent wicking properties yet holds very little liquid. Consequently the outer layers remain fairly dry while the inner cellulose holds the bulk of the liquid. It is very effective when using acids.

Code Number	Size	Packaging	Class
LymTech®			
LT-7408-33	3" x 3"	100/bag, 20/case	100(ISO5)
LT-7408-89	8" x 9"	100/bag, 12/case	100(ISO5)
LT-7408-1112	11"X x 12"	100/bag, 14/case	100(ISO5)





Anti-Static Wipes

Heavy weight anti-static (115.3g/m²) polyester filament wipers with carbon thread that are especially absorbent and clean. The knit construction has been developed to ensure integrity and cleaning performance.

Laundered wipers are extremely low in particle generation and soluble extractables. They are laundered in ultra-filtered water and dried in a HEPA filtered class 1 airstream. Sealed in class 10 conditions.

Code Number	Size	Packaging	Class
LymTech®	Hvy Wt	Polyester	
LT7278-44	4" x 4"	600/bag, 4bags/case	10(ISO4)
LT7278-99	9" x 9"	150/bag, 5bags/case	10(ISO4)
LT7278-1212	12" x 12"	100/bag, 4bags/case	10(ISO4)

Cotton Wipes

Cotton Twill Jean Cleanroom Wipers consist of tightly woven cotton resulting in a super absorbent, low linting wiper.

Because of a special process that uses no starches or binders at a neutral pH, extractable trace elements are low. It is heat resistant, solvent resistant, and static free. Provides excellent durability and reusability. It is bias cut to prevent unraveling.



Code Number	Size	Fiber Content	Packaging
LT-TJ-99	9" x 9"	Cotton Twill	300/pack, 12 pks/case
LT-PTJ-BBL-0	12" x 12"	Cotton Poly Twill	150/bag, 10 bags/case
W-TJ-1313	13" x 13"	Cotton Twill	300/pack, 12 pks/case

Bemcot 100% Cotton Continuous Filament Wiper

Code Number	Size	Fiber Content	Packaging
Bemcot™			
BEMCOT-M3	9" x 9"	Cotton	100/bag, 30/case

Presaturated Wipes

Some critical environments require wet cleaning, making these pre-saturated wipes ideal for use in Pharmaceutical, Biotech, Medical devices and other general applications where wet wiping is required.

Perfect for general cleaning maintenance, wipe down, final inspection, and field service use such as electro-fusion. Class 100 compatible wipes. Choice of pouch, center feed canister, bucket or a box of individual one-use packets.



Code Number	Size	Fiber Content	Solution	Packaging	Type	Class
LymTech®						
LT-PSPN7030-911	9" x 11"	Cellulose/Poly.	70/30% IPA/DI	30/reseal pouch, 24/case	Pouch	100(ISO5)
LT-LS7030-685	6" x 8.5"	Cellulose/Poly.	70/30% IPA/DI	100/roll, 12rolls/case*	Canister	100(ISO5)
LT-LS7030-917	9" x 17"	Cellulose/Poly	70/30% IPA/DI	50/roll, 12rolls/case*	Canister	100(ISO5)
LT-LS7030-99BK	9" x 9"	Polyester Knit	70/30% IPA/DI	50/bkt, 4 bkts/case	Bucket	100(ISO5)
LT-LS964-685	6" x 8.5"	Cellulose/Poly	96/4% IPA/DI	100/roll, 12rolls/case*	Canister	100(ISO5)
LT-C43	4" x 3"	NW Polyester	96/4% IPA/DI	60/pk, 10pks/case	Foil Pkt.	100(ISO5)
LT-PTL120-GN	Canister	Polyethylene	N/A	200 cans/case	Canisters	100(ISO5)

*One canister per case

Wipe Dispensers

Wipe dispensers designed with slanted interior and front cut out to provide you with fingertip access to clean wipes at all times. Made of 1/8" PETG. Dust lid available by special order. Available in countertop models, or wall mount. Choose Clear or White.



Code Number	Size	Packaging
AK® Ltd		
AK-105(C,W) Countertop	Holds 9" x 9"	10" W x 7½"H x 10"D
AK106(C,W) Countertop	Holds 12" x 12"	12½" W x 7½"H x 12½"D
AK109(C,W) Wall mount	Holds 9" x 9"	10" W x 7½"H x 10"D
AK110(C,W) Wall mount	Holds 12" x 12"	12½" W x 7½"H x 12½"D

For more Wipe Dispensers see our Dispenser Section "J"

General Purpose Wipes



Soft-Tech™ Wipers

Soft-Tech wipers are a light duty 3 ply tissue paper wiper for sensitive or delicate surfaces. They may also be used as an economical general purpose wiper.

It has a soft crepe finish to enhance pickup and absorption along with strength enough for all light wiping needs. Wipers are low lint with a split film cover in the box to keep wipes free from dispensing lint, and protected from outside contaminants.

Code Number	Size	Fiber Content	Packaging
Soft-Tech™			
ST-8148	4.5" x 8.5"	3 ply tissue	280/box, 60bxs/case
ST-8147	13.5" x 17"	3 ply tissue	140/box, 15bxs/case
ST-8357	15" x 17"	3 ply tissue	90/box, 15bxs/case



Industrial Wipers

Poly/Cellulose Smooth/Crepe

Poly/Cellulose wipers are available in two different finishes; smooth and crepe. They are a polyester/cellulose blend that is low linting but not cleanroom rated. These wipers have a smooth finish, or a crepe finish.

Code Number	Size	Fiber Content	Packaging
WT-500F500	12" x 13"	Smooth poly/cellulose	500/case
WT-500CF500	12" x 13"	Creped poly/cellulose	500/case

LymTech® Industrial Wipes

NCI offers variety of nonwoven polyester/cellulose or polypropylene/cellulose blend wipers to fit a variety of industrial applications. These wipers are low linting but not cleanroom rated. They are for general purpose use.



LymTech® Lightweight nonwoven polypro/cellulose blend

Code Number	Size	Fiber Content	Packaging
LT-44P-44L-00	4" x 4"	Lt. wt. polypro/cellulose	1200/bag, 12/case
LT-44P-99L-00	9" x 9"	Lt. wt. polypro/cellulose	300/bag, 12/case
LT-44P-BBB-00	12" x 12"	Lt. wt. polypro/cellulose	1000/case bulk
LT-44P-BBL-00	12" x 12"	Lt. wt. polypro/cellulose	150/bag, 10/case
LT-44P-BDB-01	12" x 14"	Lt. wt. polypro/cellulose	900/case bulk
LT-44P-BGB-00	12" x 17"	Lt. wt. polypro/cellulose	1000/case bulk

LymTech® Standard weight nonwoven blue C-fold poly/cellulose blend

Code Number	Size	Fiber Content	Packaging
LT-7432-BBP-00	12" x 12"	Std. wt. blue poly/cell.	50/bag, 10/case

LymTech® Standard weight nonwoven blue poly/cellulose blend

Code Number	Size	Fiber Content	Packaging
LT-88P-BDB-00	12" x 14"	Std. wt. blue poly/cell	1000/case bulk
LT-88P-BDB-00	12" x 17"	Std. wt. blue poly/cell	1000/case bulk

LymTech® Heavy weight nonwoven white creped poly/cellulose

Code Number	Size	Fiber Content	Packaging
LT-99C-BDB-00	12" x 14"	Hvy. wt. white creped	1000/case bulk
LT-99C-BGB-00	12" x 17"	Hvy. wt. white creped	1000/case bulk

LymTech® Heavy weight nonwoven white poly/cellulose blend

Code Number	Size	Fiber Content	Packaging
LT-99P-BDB-00	12" x 14"	Hvy. wt. white poly/cell	1000/case bulk
LT-99P-BDL-00	12" x 14"	Hvy. wt. white poly/cell	100/bag, 9/case

Sponges/Foam Wipes



Foam Wiper Poly/Urethane

This white cleanroom packaged foam is comprised of fully reticulated (open celled) polyester-urethane. It is absorbent to solvents and is non abrasive. The foam is especially low in particle generation and resists hydrocarbons, oils, solvents, and grease. The wiper is 6" x 9".

Code Number	Size	Fiber Content	Packaging
LymTech®			
LT-F9-69-100	6" x 9"	Polyurethane	100/bag, 5bags/case



NovaCel Sponge

An absorbent PVA sponge which holds up to 25 times its' weight in water. The NovaCel sponge is firm to the touch in its' dry state, but once hydrated, the material becomes extremely soft and pliant. The ultra-clean quality and broad chemical resistance allow it to be used for lapping and polishing in wafer manufacturing as well as general wiping application. Can be autoclaved.

Code Number	Size	Fiber Content	Packaging
Micronova®			
MN-SP4-533	5" x 3.3" x 1.3"	PVA Sponge	24 sponges/case



NovaPoly Mesh Sponge

A polyester covered urethane foam, the NovaPoly sponge offers absorbency, chemical resistance and re-usability. The NovaPoly sponge can be used for cleaning cleanroom curtains and softwalls, laminar flow benches and isolators. The sponge is a mesh covered foam that is 9" x 9" x 1/2"

Code Number	Size	Fiber Content	Packaging
Micronova®			
MN-SP68-46	9" x 9" x 1/2"	Urethane Foam	24 sponges/case

NovaWipe PVA

These wipers are used where fast drying is the key. The absorbency rate is 600%, yet are soft and pliable for both wet and dry applications. Used for general wiping, lapping and polishing applications the Nova Wipe can be laundered and re-used.

Code Number	Size	Fiber Content	Packaging
Micronova®			
MN-WP1-99	9" x 9" x 1/16"	PVA Wiper	10/pk, 10/case



NovaLite Wipe

A hard-wearing wiper designed for medical device, pharmaceutical and hi-tech applications. The Novalite wiper material is a latex exterior bonded with rayon, which offers both hard-wearing and absorbent qualities. Novalite has an absorbency rate of 400%. The latex surface affords greater friction resistance than other man-made wipers and sponges. Ideal for removing fine dust and powders. Novalite wipers can be laundered and autoclaved.

Code Number	Size	Fiber Content	Packaging
Micronova®			
MN-WP2-99	9" x 9" x 1/16"	Latex Bonded Rayon	10/pk, 10 pks/case



NovaPoly Wipe/Sponges

A low-linting polyester wiper with good absorbency. The 9" x 9" wiper has an inverted "hem" which guards against the trapping or generation of particles through exposed seams. The sturdy design, with special absorbent weave for increased wicking capabilities, can be laundered and passed down to less critical areas. Can be autoclaved.

The NovaPoly Sponge offers a two-ply polyester exterior enclosing a urethane foam interior. Available in a variety of shapes and sizes, the polyester sponges offer a good blend of absorbency, chemical resistance, and longevity.

Code Number	Size	Fiber Content	Packaging
Micronova®			
MN-WP6-99H	9" x 9"	Polyester Wiper	10/pk, 10 pks/case
MN-SP6-33	3" x 3" x 3/4"	Polyester Sponge	24/case
MN-SP6-46	4" x 6" x 1/2"	Polyester Sponge	24/case
MN-SP6-745	7" x 4 1/2" x 1/2"	Polyester Sponge	24/case
MN-SP6-363	3" x 6" x 3"	Polyester Sponge	24/case





Sterile Stainless Steel Cleaner Packs

This wiper is saturated with DAS Stainless Steel cleaner and a lubricant that is filtered at 0.2 microns. The wiper is designed to replace silicon on turntables, process lines and as a general lubricant to assure bottles do not stick during movement towards the critical fill site.

It is an excellent choice for cleaning metals including stainless steel in cleanroom operations due to its' excellent cleaning capabilities and low remaining residual that can be removed with an IPA wipe down. The entire package is terminally sterilized and each order is delivered with the lot specific Certification of Irradiation.

The material used in the product is a polyester blend that is inherently low in particulate and shedding features providing an excellent product for use in pharmaceutical and biotechnology operations.

This stainless steel cleaner with lubricant is sterile and made of a polyester blend and individually packaged

Code Number	Size	Fiber Content	Packaging	Type
DW-100	12" x 12	Polyester Blend	100 sealed packs/case	Foil Pkt.



MegaClean Presaturated Wipes

This pre-saturated wipe combines the aggressive cleaning strength of MegaClean with a polypropylene wipe. The wipes can be used to pre-treat and clean grease, photo resist and adhesive mat residue prior to general cleaning.

Code Number	Size	Fiber Content	Packaging	Type
MegaClean™				
MN-MCI-C20	10" x 11"	Polypropylene	20/can, 6 cans/case	Canister

Cleaning Supplies

Adhesive/Tacky Rollers	S-32	Facial Towelettes	S-25
Brooms and Brushes		NovaClenz™ Hand & Glove Sanitizer	S-26
Perfex Synthetic Floor Brushes	S-6	Aquahol™ Hand & Glove Sanitizer	S-26
Perfex 18" Broom Head	S-6	BioClenz™ Hand Soap 2% CHG	S-26
Perfex 24" Broom Head	S-6	Hy-G-Clenz™ Antibacterial Soap	S-26
Sanitary Counter Brush	S-6	NovaDerm™ Anti-Microbial Barrier Lotion	S-27
Plastic Dust Pan	S-6	M-Zone MicroDispenser	S-27
Adjustable Polymer Handles	S-7		
Perfex TruCLEAN Pro® Flat Mops	S-7	Mops	
Perfex Pad Mops	S-8	Micronova® Handles and Adapters	S-9
Perfex HD Floor Squeegee	S-8	Micronova® Roller NovaMop™	S-9
Buckets and Wringers		Micronova® "T" Mop™	S-10
Buckets	S-14	Micronova® MicroMop™	S-10
Cleanroom Start Up Kit	S-14	Micronova® PilloMop™	S-11
Wringers	S-15	Dycem Squop Mop/Squeegee	S-11
Slim T Double Bucket Cart	S-15	Geepres Stainless Steel Mop Handle	S-11
Chemicals		Roll-O-Matic® Mop	S-12
Muratic Acid	S-21	TruCLEAN® Mopping System	S-13
Sodium Hypo-Chlor	S-21	Shoe Cleaners	
Steri-Peroxide	S-22	Shoe Cleaner with Internal Vacuum	S-23
Reagent Grade Water	S-22	Sponges/Wipes	
Steri-Water	S-22	Foam Wipe	S-17
Detergents		NovaCel™ Sponge	S-17
Alcohol	S-18	NovaPoly™	S-17
Dyclean Concentrate	S-18	NovaWipe™ PVA	S-17
Dygiene Dycem Cleaning Solution	S-18	NovaLite Wipe™	S-17
NovaClean Concentrate	S-19	NovaCel Wipe™	S-17
NovaClean Lab & Glass Cleaner	S-19	Squeegees	
Mega Clean Detergent	S-19	NovaSqueegee™	S-16
Work Station Cleaner ESD Safe	S-19	Dycem Squop Mop/Squeegee	S-16
Decon-Phene Non Sterile Cleaner	S-20	Perfex Sanitary HD Floor Squeegee	S-16
Decon-Phene Sterile Cleaner	S-20	Ultrasonic Cleaners	
Disinfectants, Phenolic		Branson Ultrasonic Cleaners	S-28
LpH Non-Sterile	S-21	Branson Ultrasonic Accessories	S-29
Process LpH Sterile	S-21	Branson Ultrasonic Chemicals	S-30-31
Vesphene Iise Non-Sterile	S-21	Vacuums	
Process Vesphene Iist Sterile	S-21	Nilfisk VT60CR Wet/Dry Cleanroom Vacuum	S-2
Disinfectants, Quarternary Ammonium		Nilfisk VT60 Wet/Dry Vacuum	S-3
Process NPD	S-20	Nilfisk GM80CR Cleanroom Vacuum	S-4
Process NPDst	S-20	Nilfisk GD10 Back Pack Vacuum	S-4
T.B.Q.	S-20	Nilfisk GM80 Lightweight Vacuum	S-5
Coverage Plus NPD	S-20		
Disinfectants, Sporicidal			
Spor-Klenz Ready to Use, Gallon	S-21		
Spor-Klenz Ready to Use, Quart	S-21		
Dispensing Bottles	S-22		
Lotions & Sanitizers			
About Face Cleaning Wipes	S-27		
Cleanroom Rated Hand Lotion, R&R Brand	S-24		
Clean Lip Balm	S-24		
Industrial Sunscreen	S-24		
I.C. Antibacterial Antimicrobial Lotion	S-24		
I.C. Antibacterial Hand Cleaner	S-25		
Standard I.C. Cleanroom Hand Lotion	S-25		
NovaDyne™ Soap	S-25		
LoNa™ Cleanser	S-25		

Cleanroom Vacuums

Nilfisk VT60CR Wet / Dry Vacuum Cleaner

Nilfisk VT60CR Wet / Dry HEPA Filtered Cleanroom Vacuum Highlights:

- 15-gallon tank capacity
- Multiple collection/disposal options
- Detachable trolley
- Water-, mildew-, rot-, and corrosion-resistant main filter protects HEPA Filter
- Positive twist safety latches provide increased security
- Clog resistance
- Absolute filtering
- Powerful suction
- Large recovery capacity
- HEPA or ULPA Filtered
- 15-Gallon vacuum tank, Polyliner or 5-Gallon disposable pail
- Variety of accessories
- 115V, 1000W

The **Nilfisk VT60CR Wet / Dry Cleanroom Vacuum Cleaner** features a unique four-stage filtration system designed for liquid or dry pick-up, with no filter change or adjustment between wet and dry collection.

The **VT60CR Wet / Dry Cleanroom Vacuum Cleaner** is specifically designed to prevent the vacuum's motor carbon dust from escaping through the exhaust system.

Internal HEPA filter ensures 99.97% of all ultrafine particles, toxic and nuisance, are retained down to and including 0.3 microns in size.

Nilfisk VT60CR Wet/Dry Cleanroom Vacuum

Item#	Description
NI-01699564	115V Wet/Dry Cleanroom Vacuum, HEPA Filter Kit
NI-01799520	220V Wet/Dry Cleanroom Vacuum, HEPA Filter, Without Kit*

*220V model includes only vacuum and trolley; kit not included

* Optional ULPA filter ensures 99.999% down to and including 0.12 microns in size.

The water, rot, mildew and corrosion-resistant main filter captures particles down to one micron and is covered by an exclusive splash guard to protect against excessive moisture and further extend the life of the HEPA filter.

The pliable rubber inlet tube is designed to relieve caking and clogging caused by the collection of damp or sticky material.

Multiple collection options include the 15-gallon vacuum tank, a polyliner or a five-gallon disposable pail.

Detachable trolley features sturdy polyethylene construction and large, smooth wheels for easy decontamination and added maneuverability.

The foam impact filter fits over and protects the float valve from clogging debris.

Innotech offers many cleanroom solutions to fit your specific application!

Please **Contact NCI** to let us know your requirements.



Vacuum Replacement Parts

- *VT60 HEPA Replacement Filter Cartridge*
NI-01727631
- *VT60-ULPA Replacement Filter Cartridge*
NI-01737631

Cleanroom Vacuums

Nilfisk VT60 Wet / Dry Vacuum

VT60 Wet / Dry HEPA Filtered Vacuum Highlights:

- No filter changes needed between wet and dry collection
- Multiple collection/disposal options
- Detachable trolley
- Water, mildew, rot, and corrosion-resistant main filter protects HEPA
- Positive twist safety latches provide safety and security
- Clog resistance
- Absolute filtering
- Powerful suction
- Large recovery capacity
- HEPA or ULPA Filtered
- 15-Gallon vacuum tank, Polyliner or 5-Gallon disposable pail
- Variety of accessories
- 120 V, 60 Hz

The **Nilfisk VT60 Wet / Dry Vacuum Cleaner** features a unique four-stage filtration system designed for liquid or dry pick-up, with no filter change or adjustment.

Internal HEPA filter ensures 99.97% of all ultra-fine particles, toxic and nuisance, are retained down to and including 0.3 microns in size.

* Optional ULPA filter ensures 99.999% down to and including 0.12 microns in size.

Nilfisk VT60 Wet/Dry Vacuum, HEPA Filter

Item#	Description
NI-01799531	120V Wet/Dry Vacuum with HEPA Filter
NI-01799532	220V Wet/Dry Cleanroom Vacuum, HEPA Filter

The water, rot, mildew, and corrosion-resistant main filter captures particles down to one micron and is covered by an exclusive splash guard to protect against excessive moisture and further extend the life of the HEPA filter.



The pliable rubber inlet tube is designed to relieve caking and clogging caused by the collection of damp or sticky material.

Detachable trolley features sturdy polyethylene construction and large, smooth wheels for easy decontamination and added maneuverability.

The foam impact filter fits over and protects the float valve from clogging debris.

The **Nilfisk VT60 Wet / Dry Vacuum Cleaner** filtration system enables simultaneous collection of wet and dry debris while protecting the filters from water and moisture damage. An internal HEPA filter ensures that 99.999% of all particles are retained down to 0.3 microns in size.

Vacuum Replacement Parts

- *VT60 HEPA Replacement Filter Cartridge
NI-01727631*
- *VT60-ULPA Replacement Filter Cartridge
NI-01737631*

Cleanroom Vacuums

Nilfisk GM80CR Cleanroom Vacuum

Nilfisk GM80CR ULPA Filtered Vacuum Cleaner Highlights:

- In the first stage of separation, a 2¼-gallon capacity disposable paper bag captures the bulk of collected debris
- Extra-large main filter ensures a steady, even airflow which extends filter life and eliminates premature clogging
- The microfilter, a final step in pre-filtration, protects the motor and acts as a barrier to even bacteria-size particles
- ULPA (Ultra Low Penetration Air) filter ensures that 99.999% of all ultrafine particles, toxic and nuisance, are retained – down to and including 0.12 microns
- Motor thermal protection device prevents overheating caused by failure to keep filters clean or by accidental blockage in a nozzle or hose
- Conductive plastic hose provides ESD protection
- The wheeled trolley adds mobility. Glides over all surfaces
- Positive twist safety latches offer security by preventing the container from opening if the vacuum is dropped
- The vacuum cleaner and accessories are packaged in cleanroom compatible polyethylene bags to prevent contamination from packing materials during shipping

The portable Nilfisk GM80CR Cleanroom Vacuum Cleaner is specifically designed and packaged for use in cleanrooms.

GD10 Back Pack Vacuum

The GD10 Back Pack Vacuum was designed with comfort and ease of use in mind. For its small size, the vacuum is incredibly powerful and equipped with a variety of features for fast, effective cleaning in a multitude of industries.

Included Accessories:

Combination floor nozzle, dust brush, crevice cone, and telescopic wand

Nilfisk GD10 Vacuum Cleaner

Item#	Description
NI-9060709010	Back Pack Vacuum



Through its unique four-stage filtration system, the GM 80CR safely collects and retains fine dust and powders. It comes equipped with an **ULPA exhaust filter**, Conductive Hose, Stainless Steel Wand and is able to meet cleanroom standards up to and including Class 10 (ISO 5).

The GM 80CR's motor is interference suppressed so it will not affect electronic equipment in cleanrooms. * Comes with accessory kit.

*Accessory Kit Includes:

Positive Twist Safety Latches, ULPA filter, Curved stainless steel tube, Conductive 3" round brush, Microfilter, Two straight stainless steel wands, Conductive crevice nozzle, Detachable trolley, 5 Paper bags, 5" utility tool, 10' conductive plastic hose, 30' cord, 12" floor nozzle, Tool caddy

See page S-5 for GM80 vacuum replacement parts.

Innotech offers many cleanroom solutions to fit your specific application!

Nilfisk GM80CR Cleanroom Vacuum

Item#	Description
NI-01790150	Cleanroom Vacuum, ULPA Filter, 110-120V
NI-01790152	Cleanroom Vacuum, ULPA Filter, 220-240V



Cleanroom Vacuums

Nilfisk GM80 Vacuum Cleaner

Nilfisk GM80 HEPA Filtered Vacuum Cleaners Highlights:

- In the first stage of separation, a 2¼-gallon capacity disposable paper bag captures the bulk of collected debris
- Extra-large main filter ensures a steady, even airflow which extends filter life and eliminates premature clogging
- The optional microfilter, a final step in pre-filtration, protects the motor and acts as a barrier to even bacteria-size particles
- HEPA (High Efficiency Particulate Air) filter ensures that 99.97% of all ultrafine particles, toxic and nuisance, are retained – down to and including 0.3 microns
- Motor thermal protection device prevents overheating caused by failure to keep filters clean or by accidental blockage in a nozzle or hose
- Ball-joint couplings give 360° freedom of movement without hoses splitting and cracking, while eliminating knots
- Heavy-duty trolley adds mobility. Glides over all surfaces. Detaches for use on stairs
- **Nilfisk GM80 Vacuum Cleaners Optional Accessories:**
HEPA & ULPA filters
- Sound suppressor
- Blower adaptor
- Microfilter
- By-pass motor module
- Compressed air venturi module
- Brushless motor module
- Various filter materials, including standard cotton, optional GORE-TEX®, optional AES polycomposite

Nilfisk GM80 Vacuum Cleaner, HEPA Filter

Item#	Description
NI-01790132	Lightweight Portable Cleanroom Vacuum, 110-120V
NI-01790432	Lightweight Portable Cleanroom Vacuum, 220-240V

The **Nilfisk GM80 Vacuum Cleaner** is a lightweight, portable vacuum cleaner that features a standard four-stage filtration system plus a large capacity paper bag.

Because of its compact size, the GM 80 can be used where larger pieces of equipment cannot fit. In addition to general plant maintenance, the optional HEPA or ULPA filter makes this vacuum ideal for use in a cleanroom. * Comes with accessory kit.

***Accessory Kit Includes:**

Positive Twist Safety Latches, Detachable Trolley, 6'6" 32MM Plastic Hose, 2 Straight Steel Wands, Combination Floor Nozzle, Dust Brush, Crevice Nozzle, Upholstery Nozzle w/ insert, 30' Power Cord and a package of 5 Paper Bags

Innotech offers many cleanroom solutions to fit your specific application!



Vacuum Replacement Parts

- *GM 80CR Container Polyliner Refills, 25/pk, NI-01719000*
- *GM80 HEPA Replacement Filter Cartridge, NI-01727631*
- *GM80-ULPA Replacement Filter Cartridge, NI-01737631*
- *GM80 Microfilter Replacement, Standard Polyester, NI-11730410*
- *GM80 Main Filter Replacement, Standard Cotton, NI-61543000*
- *GM80 Disposable Paper Bag Refills, 5/pk, NI-81620000*

Cleanroom Brooms and Brushes

100% Synthetic Floor Brushes

NCI carries **Perfex** brooms to fit all cleanroom needs. **Perfex** engineering extends brush life with its patented **Lite-N-Tite®** connection system. Unique socket design locks PVC sanitary handle into a very tight fit... guaranteeing no more broken handles.

Polypropylene fibers are fused onto high-impact resistant polymer block, eliminating premature fiber fallout and areas for contaminants to collect. Durable fibers maintain shape and are visually coded to isolate areas of use.

Complement these outstanding floor brushes with **Perfex** Polymer Adjustable Handle. Lightweight and ergonomic - varies in length from 34" to 62" to optimize working posture and cleaning effectiveness.

Poly block, fibers and handle are non-conductive and will not absorb bacteria, liquids or odors like nylon or natural fibers. Unaffected by water, grease, petroleum products, detergents,

18" Cleanroom Broom Head

This specially formulated polypropylene fill is excellent for sweeping very fine and medium particles from resilient smooth floors, vinyl, linoleum, terrazzo, marble, tile, finished wood and smooth concrete. 18 inches.

Cleanroom Broom Heads are made of 100% polypropylene fibers to the poly block. Fused construction prevents fiber loss and seals out bacteria and debris.

These **Cleanroom Broom Heads** are unaffected by water, detergents, sanitizers and solvents. Sanitize up to 200 degrees F.

Item# PF-2618W
Size: 18" Broom Head

24" Cleanroom Broom Head

This specially formulated polypropylene fill is excellent for sweeping very fine and medium particles from resilient smooth floors, vinyl, linoleum, terrazzo, marble, tile, finished wood and smooth concrete. 24 inches.

Cleanroom Broom Heads are made of 100% polypropylene fibers to the poly block. Fused construction prevents fiber loss and seals out bacteria and debris.

These cleanroom broom heads are unaffected by water, detergents, sanitizers and solvents. Sanitize up to 200 degrees F.

Item # PF-2624W
Size: 24" Broom Head

sanitizers and solvents.

Clean brushes after every use. Disinfect between use if necessary. Replace worn brushes to reduce the risk of cross contamination and to increase cleaning effectiveness.



Perfex Lite-N-Tite® Floor Brushes are engineered specifically to exceed the rigorous demands and hygienic concerns in today's controlled environments. FDA and USDA Approved Materials. See next page for **Perfex Adjustable Handle, PF-8800**.

Item# PF-3010

Sanitary Counter Brush

The **Perfex Sanitary Counter Brush** is a standard among cleaning professionals. Ideal for a variety of clean-up chores. Quickly removes fine dust, dirt and other debris from workstations, countertops and shelves without scattering. Exceptionally durable.



Medium-texture polypropylene fiber is fused to brush block, sealing out dirt and bacteria. No metal staples to fall-out or epoxy glue to flake-off and contaminate product or surface. Fiber retain shape and have outstanding service life. Visually coded to isolate areas of use.

Poly block and fibers will not absorb bacteria, liquids or odor like nylon and natural fibers. Will not rot or mildew. Unaffected by water, grease, petroleum products, detergents, sanitizers and solvents. Rinses clean, dries quickly.

Item # PF-3050W
Size: 14" length x 1 5/8" width, 2 1/4" trim.

Plastic Dust Pan

Fine line edged for maximum pick-up. Dustpan is made of lightweight, yet durable polymer. Won't rust, corrode or dent.



Item# PF-3109W
Size: 4" height x 12 1/4" width x 12" depth.

Cleanroom Brooms and Brushes

CR Adjustable Polymer Handle for Broom, Mop, or Squeegee

The **Perfex Polymer Adjustable Handle** has been developed to meet the ergonomic and hygienic needs of controlled environments. These handles are widely accepted as a superior alternative to fixed length handles based on traditional materials, such as: steel, aluminum and wood.

Optimize your working posture, improve your comfort level and cleaning efficiency. Adjust the handle from 34" to 62". It's quick and simple! The comfortable 1" handle reduces hand strain and ensures small muscles are not overworked.

Made of high quality polyester and composite materials using pull-wound technology, **Perfex Polymer Adjustable Handles** are very durable and lightweight. Impervious to water, grease, gasoline, detergents, sanitizers and solvents. Will not rot, corrode or oxidize. Easy to clean. Compatible with gamma, ETO and autoclave sterilization - up to 250° F (121°) for 30 minutes.

Perfex TruCLEAN Pro® Flat Mops

Exclusive swivel **TruCLEAN® Mop Frame**, made of high-grade stainless steel, can be maneuvered onto floors, walls, ceilings, baseboards and any confined areas such as corners or stairs where conventional string mops are notoriously inefficient. Low profiled mop frame for easy and efficient cleaning under fixtures or other hard-to-reach surfaces. **TruCLEAN® Mop Frame** delivers continual surface contact at any angle and is accurately balanced and non-flipping. Swivel also locks into any position by tightening wing located on mop frame.

Changing mop head is a clean and easy operations. A quick



Engineered for tough and demanding applications, yet comfortable and hygienic to use. Increase productivity, reduce work-related injuries. We highly recommend this lightweight, ergonomic handle for all your cleaning needs.

Cleanroom adjustable polymer handle 34" - 62" for brooms, mops or squeegees.

This handle is compatible with our:

18" Broom Head—PF-2618W

24" Broom Head—PF-2624W

Perfex Mops (indicated with a PF)

Squeegees



Item# PF-8800

Size: Adjustable, 34"-62"

squeeze releases the frame-locking mechanism, enabling contaminated mop head to be replaced.

All systems complete with **TruCLEAN® Mop Frame** and Polymer Adjustable Handle. Both are compatible with gamma, ETO and autoclave sterilization - up to 250° F (121° C) for 30 minutes.



TruCLEAN® Flat Mop Frame

Item#	Description	Material	Dimensions	Environment	Fits
PF-8800	Adjustable Perfex Handle	Polymer (See top of this page)	34" - 62"	Any	PF-2618W, PF-2624W, PF-3010, PF-5000, PF-9518, PF-9524, PF-9530
PF-22-57	TruCLEAN Adjustable Handle	Polyester & Composite Materials	34" - 62"	Any	PF-22-38
PF-22-58	Stainless Steel Handle	Stainless Steel	57.25"	Any	PF-22-38
PF-88-12	Telescopic Handle 12 ft.	Polyester & Composite Material	12 ft. Stores at 77"	Any	PF-22-38
PF-88-18	Telescopic Handle 18 ft.	Polyester & Composite Material	18 ft. Stores at 100"	Any	PF-22-38
PF-22-38	TruCLEAN Mop Frame	Stainless Steel	N/A	Any	PF-22-57, PF-22-58, PF-8800, PF-88-12, PF-88-18
PF-22-33	TruCLEAN Yarn Mop	Synthetic Yarn	16" x 5"	General Cleaning	PF-22-38
PF-22-34	TruCLEAN Sponge Mop	Polyurethane Foam	16" x 5"	Cleanroom and Sterile	PF-22-38
PF-22-35	TruCLEAN Covers	100% Continuous Filament Polyester	Fits Over TruClean Yarn Mop and Sponge Mop	Cleanroom and Sterile	PF-22-33, PF-22-34
PF-22-24	TruCLEAN Hydro-Sorb Mop	Polyurethane Foam	16" x 5"	Controlled Wet	PF-22-38
PF-22-36	TruCLEAN Covers	Continuous Filament Polyester	Fits Over TruClean HydroSorb Mop	Controlled Wet	PF-22-24

Cleanroom Mops and Squeegees

Perfex Pad Mops

Unique swivel allows holder to twist and turn to get at hard to reach areas. Eliminate stooping when cleaning floors and baseboards. Reach walls, windows and ceilings without climbing a ladder. Holder is easy to clean and sanitize. Simply attach a pad to the Velcro base holder and you are ready to reach those inaccessible areas.

Use with our **Polymer Adjustable Handle** PF-88-12 twelve foot extension handle, or PF- 88-8 eighteen foot extension handle. The 12 and 18 foot adjustable, lightweight, telescopic handle is made of high quality polyester and composite materials using pull-wound technology.

Handle is very durable and exceptionally lightweight. Super smooth finish is pleasant to touch, impervious to water, grease, gasoline, detergents, sanitizers and solvents.

Will not rot, corrode or oxidize. The 12 foot handle stores at 77" and the 18 foot handle stores at 100".



Mop Pad Holder PF-5000



Mop Pads PF-5200, PF-5300, PF-5400

Item#	Description	Dimensions	Color	# Per Case
PF-86-12	Telescopic Fiberglass Handle	12' Stores at 77"	White	N/A
PF-86-18	Telescopic Fiberglass Handle	18' Stores at 100"	White	N/A
PF-8800	Telescopic Polymer Handle	62" Stores at 34"	White	N/A
PF-5000	Pad Holder	9" x 3.75"	Blue	N/A
PF-5200	Light Duty Pad	9" x 6"	White	20 Pads/Case
PF-5300	Medium Duty Pad	9" x 6"	Red	20 Pads/Case
PF-5400	Coarse Pad	9" x 6"	Blue	20 Pads/ Case

Perfex Squeegee

Sanitary Heavy Duty Floor Squeegee

Perfex simplifies blade change with our patented self-locking connection system. Simply thread polymer handle into connector for a tight fit. Reverse threads to loosen handle for a quick blade change. It's that easy!

Twin mounted PVC blades provide double service. Acts as splash guard when in use. Non-marring. Excellent tear resistance.

PVC blades are non-conductive and will not absorb bacteria, liquids or odors. It is lightweight and durable. Unaffected by

water, grease, petroleum products, detergents, sanitizers and solvents. Rinses clean, dries quickly.

These Squeegees are compatible with the PF88-00 **Polymer Adjustable Handle** on page S-7.



Item#	Description	Squeegee Length
PF-9518	Perfex Heavy Duty Floor Squeegee	18"
PF-9524	Perfex Heavy Duty Floor Squeegee	24"
PF-9530	Perfex Heavy Duty Floor Squeegee	30"

Squeegee Section

See page S-16 for our full selection of Squeegees.

Cleanroom Mops

Micronova® Handles and Adapters

The core of the hardware system is the **Universal Handle**. The electropolished stainless steel handles have Delrin components giving strong all-around connections and hard-wearing properties. The handle is available in extendible or single length versions. The entire unit can be autoclaved.

Adapters:

The adaptability of the **Universal Handle** can be increased by adding one of the two adapters.

The **Acme Thread Adapter** is available as a male (MN-SSA-3) or female (MN-SSA-2) unit. Made with stainless steel and Delrin, these threaded adapters allow the operator to add other janitorial heads or handles to the Universal System.

When used with the 'T' Mop the Acme adapters can be combined to create a viable cleaning system for isolators and similar enclosed 'hoods'.

Micronova® Handles and Adapters

Item#	Description	Dimensions
MN-SSA-2	Acme Adapter-Female	N/A
MN-SSA-3	Acme Adapter-Male	N/A
MN-SSU-1	Stainless Steel Mop Handle, Extendible	Extends from 38" to 72"
MN-SSU-2	Stainless Steel Mop Handle	8"
MN-SSU-3	Stainless Steel Mop Handle, Extendible	Extends from 62" to 120"
MN-SSU-4	Stainless Steel Handle	61"
MN-SSU-5	Stainless Steel Handle	37"
MN-SSU-6	Stainless Steel Handle	25"
MN-SSU-7	Stainless Steel Handle	51"
MN-SSU-8	Stainless Steel Handle, Extendible	Extends from 14" to 23"
MN-SSU-9	Stainless Steel Handle	12"



M-SSU-1



MN-SSA-2, MN-SSA-3

Micronova® Squeegee

See page S-16 for the **NovaSqueegee** by **Micronova®** that works with the **Universal Handle** shown here.

Micronova® Mops - Roller NovaMop

A lightweight mop which comprises a foam interior with a choice of three fabric coverings. The **NovaMop** head free-rolls in one direction and locks on the reverse roll. This

squeegee motion effectively dries the surface being cleaned. The **NovaMop** can be used on floors, walls and ceilings.

Item#	Description	Autoclavable	Disinfectant Use	Applications
MN-QDNH-1	NovaMop Adaptor	Yes	Yes	N/A
MN-NM-1	NovaMop Head PVA	No	No	Semiconductor & Microelectronics
MN-NM-2	NovaMop Lite	Yes	Yes	Sterile Environments
MN-NM-6	NovaPoly Two Ply Polyester	Yes	Yes	Sterile Environments



MN-NM-1

Cleanroom Mops

Micronova® 'T' Mop

This low profile mop can be used to clean floors, walls and ceilings. The mop has a wide surface, which is ideal for general cleaning, and for applying disinfectants in sterile environments. With a 180° swivel, the 'T' Mop can clean under equipment or reach awkward angles on shelving and narrow chambers. The 'T' Mop has a variety of slipcovers for dealing with different cleaning challenges.

Micronova® 'T' Mop

Item#	Description	Length
MN-QDT-10	'T' Mop Adapter	10"
MN-QDT-14	'T' Mop Adapter	14"
MN-QDT-18	'T' Mop Adapter	18"
MN-T1-10	'T' Mop w/PVA Cover	10"
MN-T1-14	'T' Mop w/PVA Cover	14"
MN-T1-18	'T' Mop w/PVA Cover	18"
MN-T2-10	'T' Mop w/NovaLite Cover	10"
MN-T2-14	'T' Mop w/NovaLite Cover	14"
MN-T2-18	'T' Mop w/NovaLite Cover	18"
MN-T6-10	'T' Mop w/NovaPoly Cover	10"
MN-T6-14	'T' Mop w/NovaPoly Cover	14"
MN-T6-18	'T' Mop w/NovaPoly Cover	18"



MN-QDT-10



MN-T6-10



MN-T2-10

Micronova® MicroMop

NCI carries **Micronova®** mops because we know that cleanrooms worldwide have come to rely on the **Micronova** cleaning system to maintain stringent levels of cleanliness in controlled conditions. Mop fabrics are selected to provide the best cleaning for the job - from low linting, super absorbent mops for hi-tech facilities to autoclavable and chemically resistant mops for sterile environments.

An efficient floor mop design which will clean large surface areas quickly and efficiently. The **MicroMop** is available in four different fabrics to address the different protocols and sterility demands found in wafer processing and micro-electronic cleanrooms, biotech and pharmaceutical suites.

Item#	Description	Autoclavable	Applications
MN-QDMH-1	Quick Disconnect Mop Head	Yes	All
MN-CRM-1	MicroMop PVA	No	Hi-Tech
MN-CRM-2	MicroMop Lite w/Latex Rayon Blend	Yes	Medical and Sterile
MN-CRM-6	MicroMop Polyester	No	High Traffic Areas & Heavy Duty Cleaning
MN-Micro-21	Perforated Version of MN-CRM-1	No	High-Tech
MN-PG9-12	PolyGen Mop	Yes	General Cleaning

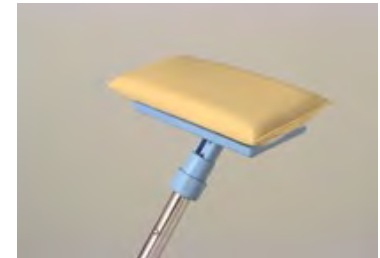


MN-PG9-12

Cleanroom Mops

Micronova® PilloMop™

The Micronova® **PilloMop™** is a flat head mop which is attached to the QDPH-1 Adapter with polyester hook and loop strips. The standard size head is 9" x 5" with custom sizes available. The head moves easily up and down and from side to side - ideal for reaching awkward corners and bends and for cleaning shelving and narrow chambers.



MN-PM-1

Micronova® PillowMop™

Item#	Description	Autoclavable	Disinfectant Use	Applications
MN-QDPH-1	PilloMop Adapter	Yes	Yes	All
MN-PM-1	PilloMop PVA	Yes	No	Semiconductor, Electronics and Aerospace
MN-PM-2	PilloMop Lite	Yes	Yes	General Use
MN-PM-6	PilloMop NovaPoly Two-Ply Polyester Cover	Yes	Yes	Sterile Environments
MN-PM-648	Sponge PilloMop Head	Yes	Yes	Sterile Environments, Reaching Awkward Corners
MN-PMC-648	Slip Cover—For Use with MN-PM-648	Yes	Yes	Sterile Environments, Reaching Awkward Corners

See page S-9 for Micronova handles

Dycem Squop® Mop/Squeegee

NCI carries the **Dycem Squop**; the **Squop®** is a combination sponge mop and squeegee blade. It is made for use in damp mopping and squeegee drying the Dycem high tack polymer flooring or on any floor surface.

Item#	Description
CC05/SQ/Z14	Squop—14" Sponge Mop & Squeegee Blade Combined
CC05/B2/6	Squop—14" Squeegee Blade Replacement
CC05/P2/Z	Squop—14" Sponge Replacement



Dycem Squop®

Geerpres® Stainless Steel Mop Handle

An easier way to keep cleanrooms clean. Special precautions have been taken to prevent moisture, bacteria, and corrosion from entering these stainless-steel mop handles.

Appropriate for use with string mops. A quick-change mop replacement system allows hands-free mop changes to avoid contact with soiled mops. The stainless-steel mop handles may be autoclaved and are available in a one- or two-piece design. The one-piece model is designed with a sealed stainless-steel end.

Item#	Description
GP2640	One piece 60 " Stainless Steel Mop Handle.



GP2640



Cleanroom Mops

Roll-O-Matic® Mop

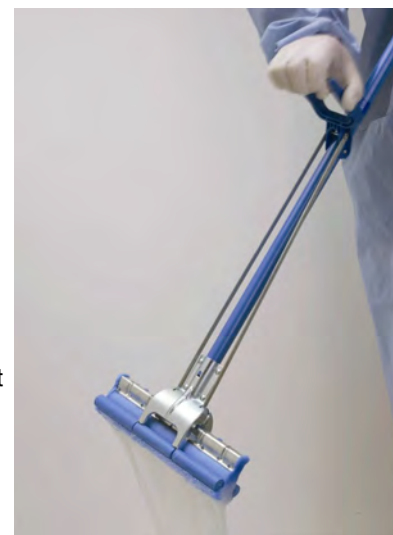
The straight head allows you to use the entire foam head with each stroke of the handle. As you push/pull the handle against walls, floors or ceilings the entire head is used. More sponge surface area is covered, allowing for more disbursement of disinfectant or more area cleaned per mop head. Straight head design allows user to flip over mop head for extended use between wrings. In addition this mop will reduce fatigue realized when sponge mopping with the original handles.

The RM-6210 mop is 10" wide and will fit all 10" **Roll-O-Matic®** mop refills and the RM-6214 will fit all the 14" **Roll-O-Matic®** mop refills; same goes for the RM-4110 and the RM-4114. These fully stainless steel (RM-6210 & RM6214) mops are fully autoclavable. There is no additional bulky or expensive wringers needed with these mops. All mops ship with cleanroom foam refill attached.

- 12 Refills per case
- Perfect for applying disinfectant to floors, walls and ceilings.
- Allows disinfectants to meet manufacturer recommended contact times!
- Mop head is packed DRY therefore allows immediate reduction of contaminants found in similar cellulose mop heads.

- Excellent absorption capability and tear resistance; sponges will absorb and retain over 30 times its own weight in water or disinfectant solution.
- Fully autoclavable and surpasses the ASTM D-3574-81 test standard of 250° F at 15 PSI

Complete line of **Roll-O-Matic®** mop heads available these include microfiber covers and other sponge material.



Longer handles and custom size lengths are available. Custom lengths can be created for your specific use. Contact your Innotech representative for more information.

Roll-O-Matic® Mop

Item#	Description	Material	Size
RM-6210	Roll-O-Matic Mop w/Sponge Mop Head	Stainless Steel	10"
RM-6214	Roll-O-Matic Mop w/Sponge Mop Head	Stainless Steel	14"
RM-6210R	Roll-O-Matic Mop Refill	Stainless Steel	10"
RM-6214R	Roll-O-Matic Mop Refill	Stainless Steel	14"
RM-4110	Roll-O-Matic Mop w/Sponge Mop Head	Galvanized Steel	10"
RM-4114	Roll-O-Matic Mop w/Sponge Mop Head	Galvanized Steel	14"
RM-4110R	Roll-O-Matic Mop Refill	Galvanized Steel	10"
RM-4114R	Roll-O-Matic Mop Refill	Galvanized Steel	14"
RM-120846	Roll-O-Matic 58"-76" Extendable Angled Mop Handle	Aluminum	—
RM-119659	Roll-O-Matic Mop Refill	Galvanized Steel	10"
RM-119655	Roll-O-Matic Mop Refill	Galvanized Steel	14"
RM-GC0812M	Roll-O-Matic Sterile Mop Head	Galvanized Steel	12"
RM-GC0814M	Roll-O-Matic Sterile Mop Head	Galvanized Steel	14"

Cleanroom Mopping System

TruCLEAN® Pro Mopping System

Maintaining specific levels of cleanliness in critically controlled environments is extremely difficult. It is even more difficult when an assortment of maintenance tools are utilized. Standard operating procedures become unnecessarily complex and difficult to meet. Cleaning becomes cumbersome, and results are unreliable.

The Perfex **TruCLEAN Pro®** is designed and engineered to be easy-to-use and maintain; delivering the cleaning performance you expect, but not achieved by using old-style buckets, wringers, string and sponge mops.

Each component of our **TruCLEAN Pro®** plays an important role in delivering the highest level of cleanliness. For example, our innovative swivel mop frame uniformly and precisely applies cleaning and sanitizing agents onto floors, walls and ceilings. The unique wringing mechanism, exerts force evenly across the whole surface of the mop, extracting the maximum amount of soiled contaminants. The **TruCLEAN Pro®** captures and isolates contaminants; ensuring delivery of unadulterated cleaning and sanitizing agents. No more re-applying dirty water and weakened solutions, experienced with old-style mopping supplies. The **TruCLEAN Pro®** is compatible with gamma, ETO and autoclave sterilization - up to 250° F (121° C) for 30 minutes.

The **TruCLEAN Pro®** is available in a double-bucket (25 liter) and triple-bucket (15 liter) configuration. For very large area cleaning and disinfecting, we offer our ultimate triple-bucket (25 liter) system, the **Perfex TruCLEAN Pro XL®**.

TruCLEAN 2® is designed for small area cleaning and disinfecting, **TruCLEAN 2®**s unique bucket-in-bucket concept isolates soiled contaminants from cleaning and disinfecting agents.

TruCLEAN® Disinfection System, similar to **TruCLEAN 2®** has a Stainless steel dosage sieve instead of a wringer.

TruCLEAN Pro® Includes:

- Wringer
- Cart - Stainless Steel
- Casters
- Handle Holder
- Buckets (available in red, white, blue, green and yellow)
- Polymer Adjustable Handle



TruCLEAN 2® Includes:

- Wringer
- Wheels
- Waste Containment
- 36 Liter Bucket
- Mop Frame
- Polymer Adjustable Handle



TruCLEAN® Disinfection System Includes:

- Stainless Steel Sieve
- 36 liter White Bucket w/ 3" Casters (1 w/ brake)
- Stainless Steel Mop Frame
- Polymer Adjustable Mop Handle 34"-32"

TruCLEAN® Mopping Systems

Item#	Description	Castors	# Buckets	Bucket Vol.
PF-22-2	TruCLEAN Pro Double Bucket System	3"	2	25 liter
PF-22-3	TruCLEAN Pro Triple Bucket System	3"	3	15 liter
PF-22-3XL	TruCLEAN Pro XL Triple Bucket System	4"	3	25 liter
PF-30-1	TruCLEAN Disinfecting System	N/A	N/A	N/A
PF-30-2	TruCLEAN2 Compact Flat Mopping System, Rubbermaid WaveBrake	N/A	1 Bucket, 1 Waste Bucket	36 liter
RM-758088Y	Bucket/Wringer Combo—Sidepress Yellow	Yes	1	8.75 gal.

Cleanroom Buckets and Wringers

Buckets

NCI carries a selection of buckets and wringers to complement our standard cleaning systems. See page 13 for **TruCLEAN® Mopping System**.

Cleanroom Buckets

Item#	Description	MFR	Volume	Casters
2559	Plastic Bucket		6 gal.	No
2559/2560	Plastic Bucket w/Casters		6 gal.	Yes
GP-2211	Stainless Steel Bucket, w/ 2" Casters	Geerpres	5 gal.	Yes
GP-2214	Stainless Steel Bucket, w/ 3" Casters, & Bumpers	Geerpres	5 gal.	Yes
GP-2221	Stainless Steel Bucket, w/ 2" casters	Geerpres	8 gal.	Yes
GP-2222	Stainless Steel Bucket; w/ 3" Casters	Geerpres	8 gal.	Yes
GP-2231	Stainless Steel Bucket, w/ 2" Casters	Geerpres	11 gal.	Yes
GP-2529	Foam Polymer Buckets w/ 2" Casters & Bumpers	Geerpres	6.5 gal	Yes
MN-B-1	Yellow Plastic Mop Bucket w/ 3" Casters	Micronova	11 gal.	Yes
MN-B-11A	Autoclavable Stainless Steel Bucket w/ 3" Casters	Micronova	11 gal.	Yes
MN-B-2	Yellow Plastic Bucket w/ 2" Casters	Micronova	8.75 gal.	Yes
MN-B-3	Circular Stainless Steel Round Bucket w/ 2" Casters	Micronova	8 gal.	Yes
MN-B-3A	Autoclavable Round Bucket w/ 3" Casters	Micronova	8 gal.	Yes
MN-B-7**	SlimLine Autoclavable Bucket	Micronova	6 gal.	No
COM-26333	Blue Plastic Bucket w/ Downpress Wringer	Marino	30 qt	Yes
RM-758088Y	Bucket/Wringer Combo-Sidepress Yellow	Rubbermaid	8.75 gal.	Yes



Micronova®
MN-B-2

** Choose Color: DB Dark Blue, DG Dark Green, RE Red, YE Yellow

Cleanroom Start Up Kit

Everything that is needed to clean a cleanroom is provided in the maintenance kit. It includes:

- 1 gallon of NovaClean Cleanroom Detergent
- 30 quart Safety Yellow Plastic Bucket
- Safety Yellow Plastic Downward Wringer
- Polyester String Mop
- Reusable Mop Handle
- 3 Reusable Sponges, 4 x 6 x 1/2
- Pack of 20 PVA Wipers
- 1 case of Reusable Tack Mats, 18 x 36
- 22 oz. Spray Bottle

Item#	Description
WW-MAINTK-1	Cleanroom Start Up Kit



Cleanroom Buckets and Wringers

Wringers

These wringers benefit from the downward-pressure design, it works with gravity for easier, faster mop wringing. There's no splash or overflow and because there's no twisting of the mop needed, it prolongs mop life. The wringers include a 304 stainless steel construction which makes them strong and durable. The welded basket design allows for no bolts or rivets which have a tendency to loosen. These wringers were made for durability and will last, trouble free, for years.

**The GP-9520 basket insert is made for wringers GP-1010, GP-1011, GP-1410, GP-1420.



GP-2621 Geerpres Royal Prince Special Cleanroom Design

Cleanroom Wringers

Item#	Description	MFR	Mop Capacity	Basket Vol. (cu. in.)
GP-1009	Downward Pressure Wringers, Royal Prince, Stainless Steel	Geerpres	16-24 oz.	212
GP-1010	Downward Pressure Wringer, Floor Prince, Steel	Geerpres	16-24 oz.	212
GP-1011	Epoxy II Mop Wringer, Epoxy II Prince, Steel	Geerpres	16-24 oz.	212
GP-1410	Ultra Mop Wringer, Ultra Blue, Plastic	Geerpres	16-32 oz.	230
GP-1420	Ultra Mop Wringer, Ultra Gray, Plastic	Geerpres	16-32 oz.	230
GP-2621	Special Cleanroom Design, Royal Prince Stainless Steel Wringer	Geerpres	16-24 oz.	212
GP-2680	Special Cleanroom Design, Stainless Steel insert for Royal Prince Wringer	Geerpres	N/A	N/A
GP-9520	Basket Insert for Mop Wringer	Geerpres	N/A	N/A
MN-W-1	Yellow Plastic Wringer (Fits MN-B1)	Micronova	24-36 oz.	N/A
MN-W-2	Yellow Plastic Wringer (Fits MN-B-2)	Micronova	16-24 oz.	N/A
MN-W-6	Autoclavable Stainless Steel Downward Press Wringer (Fits MN-B-3)	Micronova	16-24 oz.	N/A
MN-W-6IN	Autoclavable Insert for MN-W6 Mop Wringer, Stainless Steel	Micronova	N/A	N/A
MN-W-9*	SlimT Wringer, Stainless Steel (Fits MN-C7)	Micronova	N/A	N/A



Micronova® MN-W-6



Micronova® MN-W-9

Slim T Double Bucket Cart

SlimT Double Bucket Cart is a simple and effective double bucket system comprised of an electro-polished stainless steel frame that easily transports two 6 gallon buckets. Excellent maneuverability is achieved with the 360° rotation of the caster wheels. The generous 19" width of the buckets makes them suitable for use with a variety of mop heads. The cart is autoclavable. Bucket colors: blue, yellow.



Micronova® MN-C7

Item#	Description
MN-C7	Slim T Double Bucket Cart

Cleanroom Squeegees

NovaSqueegee™

In addition to the standard rubber blade, the **NovaSqueegee™** by **Micronova®** offers blades or 'ribbons' in other cleanroom fabrics. The **NovaSqueegee™** comes in several sizes and can be used with or without the Universal Handle for cleaning windows, screens, cleanroom floors and walls.



See page S-9 for the **Micronova® Universal Handle**.

Item#	Description	Blade Length	Material	No. Per Case
MN-QDNS-12	NovaSqueegee Adapter	12"		1/Case
MN-QDNS-18	NovaSqueegee Adapter	18"		1/Case
MN-QDNS-22	NovaSqueegee Adapter	22"		1/Case
MN-RS-12	NovaSqueegee Blade	12"	Rubber	12/Case
MN-RS-18	NovaSqueegee Blade	18"	Rubber	12/Case
MN-RS-22	NovaSqueegee Blade	22"	Rubber	12/Case
MN-NS-12	NovaSqueegee Blade	12"	PVA	12/Case
MN-NS-18	NovaSqueegee Blade	18"	PVA	12/Case
MN-NS-22	NovaSqueegee Blade	22"	PVA	12/Case

Dycem Squop® Mop/Squeegee

NCI carries the **Dycem Squop®**; the **Squop®** is a combination sponge mop and squeegee blade. It is made for use in damp mopping and squeegee drying the Dycem high track polymer flooring or on any floor surface.



Item#	Description
CC05/SQ/Z14	Squop—14" Sponge Mop & Squeegee Blade Combined
CC05/B2/6	Squop—14" Squeegee Blade Replacement
CC05/P2/Z	Squop—14" Sponge Replacement

Perfex Sanitary Heavy Duty Floor Squeegee

Perfex simplifies blade change with our patented self-locking connection system. Simply thread polymer handle into connector for a tight fit. Reverse threads to loosen handle for a quick blade change. It's that easy!

Item#	Description	Squeegee Length
PF-9518	Perfex Heavy Duty Floor Squeegee	18"
PF-9524	Perfex Heavy Duty Floor Squeegee	24"
PF-9530	Perfex Heavy Duty Floor Squeegee	30"



See pg. S-10 for Adjustable Handles

Cleanroom Sponges/Wipes

Foam Wipe 6"x 9" Poly/ Urethane

This white cleanroom packaged foam is comprised of fully reticulated (open celled) polyester-urethane. It is absorbent to solvents and is non abrasive. The foam is especially low in particle generation and resists hydrocarbons, oils, solvents, and grease. The Sponge is 6" x 9".



**Item# LT-F9-69-100—Packed 100 per Bag, 5 Bags per Case
Sold by Case Only**

NovaCel™ Sponge 5"x 3.3"x 1.3"

An absorbent PVA sponge which holds up to 25 times its weight in water. The NovaCel sponge is firm to the touch in its dry state, but once hydrated, the material becomes extremely soft and pliant. The ultra-clean quality and broad chemical resistance allow it to be used for lapping and polishing in wafer manufacturing as well as general wiping application. Can be autoclaved. The Sponge is 5" x 3.3" x 1.3". Currently available in singles.



Item # MN-SP4-533—Packed 24 Sponges per Case

NovaPoly™ Mesh Sponge 4"x 6"x.5"

A polyester covered urethane foam, the NovaPoly sponge offers absorbency, chemical resistance and re-usability. The NovaPoly sponge can be used for cleaning cleanroom curtains and softwalls, laminar flow benches and isolators.



The sponge is a mesh covered foam that is 9" x 9" x 1/2".

Item # MN-SP68-46—Packed 24 Sponges per Case.

*For a Complete Listing of Cleanroom Wipes,
See our Wipe Section, R.*

NovaWipe™ PVA 9"x 9"

These wipes are used where fast drying is the key. The absorbency rate is 600%, yet are soft and pliable for both wet and dry applications. Used for general wiping, lapping and polishing applications the Nova Wipe can be laundered and re-used. The wipe is 9" x 9" x 1/16th". **Sold per pack.**



**Item # MN-WP1-99—Packed 10 Wipers per Pack,
10 Packs per Case**

NovaLite™ Wipe 9"x 9"

A hard-wearing wiper designed for medical device, pharmaceutical and hi-tech applications. The Novalite wiper material is a latex exterior bonded with rayon, which offers both hard-wearing and absorbent qualities. Novalite has an absorbency rate of 400%. The latex surface affords greater friction resistance than other man-made wipers and sponges - Ideal for removing fine dust and powders. Novalite wipers can be laundered and autoclaved. The wiper is 9" x 9" x 1/16". **Sold per pack.**



**Item # MN-WP2-99—Packed 10 Wipers per Pack,
10 Packs per Case**

NovaCel™ Wipe 9"x 9"

An absorbent PVA wipe which holds up to 25 times its weight in water. The NovaCel wipe is firm to the touch in its dry state, but once hydrated, the material becomes extremely soft and pliant. The ultra-clean quality and broad chemical resistance allow it to be used for lapping and polishing in wafer manufacturing as well as general wiping application. Can be autoclaved. The Wipe is 9" x 9" x 2mm. **Sold per Pack.**



**Item # MNWP4-99—Packed 10 Wipers per Pack,
10 Packs per Case**

Cleanroom Detergents, Disinfectants & Chemicals

Alcohol, Sterile Isopropyl 91%

Decon-ahol is a 91% filtered USP Isopropyl Alcohol aerosol spray. Each can is double bagged and sterilized via gamma irradiation for easy introduction into the sterile core. Complete documentation of irradiation accompanies each order.

Nitrogen is the propellant used for mist and spray. Available in stream spray, mist spray or sterile bulk gallons. Filtered to 0.2 microns.



Mist Spray Sterile, 11 oz. Aerosol
Item # VA-DECWFI-SP-91—24 per case

Stream Spray Sterile, 11 oz. Aerosol
Item# VA-DECWFI-ST-91 — 24 per case

Bulk Gallon Sterile
Item # VA-DECWFI-B-91— 4 per case

Alcohol, Sterile Isopropyl 70%

Decon-ahol is a 70% filtered USP Isopropyl Alcohol aerosol spray. Each can is double bagged and sterilized via gamma irradiation for easy introduction into the sterile core. Complete documentation of irradiation accompanies each order. Nitrogen is the propellant used for mist and spray. Available in stream spray, mist spray or sterile bulk gallons. Filtered to 0.2 microns.



Mist Spray Sterile, 11 oz. Aerosol
Item # VA-DECWFI-SP-70—24 per case

Stream Spray Sterile, 11 oz. Aerosol
Item # VA-DECWFI-ST-70—24 per case

Bulk Gallon Sterile
Item # VA-DECWFI-B-70—4 per case

Alcohol Isopropyl (IPA) 70%

Isopropyl Alcohol is used for general cleaning in cleanrooms and the equipment. USP/NF grade. One gallon bottles.

Item # IPA-70—4 per case
Sold by case

Alcohol Isopropyl (IPA) 99%

Isopropyl Alcohol is used for general cleaning in cleanrooms and the equipment. Reagent grade, USP/NF. One gallon bottles.

Item# IPA99—4 per case
Sold by case

Dyclean Concentrate

Dyclean is an all-purpose, water soluble concentrated cleaning solution for regular cleaning in most applications outside the cleanroom environment. Use diluted 1:20 with water for regular maintenance. It can be used for heavy duty cleaning as needed.



This product is recommended for cleaning Dycem mats OUTSIDE of the cleanroom to maintain particle removing qualities.

Item# CC03/C1/Z
Size: One Gallon

Dygiene Dycem Cleaning Solution

The Dycem cleaning fluids have been designed for use in conjunction with Dycem contamination control products.



Regular cleaning outside the cleanroom environment, use DYGIENE which is a concentrated water soluble disinfecting cleaning fluid. Destroys both gram positive and gram negative bacteria. For regular use where bacterial control is required.

Concentrates to be used diluted 1:20 with water for most general cleaning. Can be used at 100% concentration for stubborn marks.

Item# CC03/G1/Z
Size: One Gallon

Cleanroom Detergents, Disinfectants & Chemicals

NovaClean™ Concentrated Detergent Floor Cleaner

NovaClean is a unique antistatic cleanroom detergent specially formulated to meet the needs of today's cleanrooms. It contains no hazardous chemicals and is biodegradable. Cleaner is free rinsing with no metal residues. Filtered to 0.2 microns and packaged in a clean zone.

NovaClean is a cleanroom detergent for floors, walls, and ceilings. This product is also recommended for cleaning Dycem mats *INSIDE* of the cleanroom to maintain particle removing qualities.

It is a concentrated formula using 2 ounces per gallon of water.

Item# MN-NCI-G
Size: One Gallon-- 4 Gallons per Case.
Sold by Gallon



NovaClean™ Lab & Glass Cleaner Quart/Gallon

This Lab and Glass cleaner is designed to effectively clean Formica, stainless steel, polypropylene, acrylic, glass, Plexiglas, and painted surfaces, to the most rigid cleanroom standards. Contains no sodium, potassium, ammonia, chlorine or nickel and is biodegradable. Cleaner is free rinsing and with no metal residues. Filtered to 0.2 microns and filled in a clean zone. Available in one quart with adjustable sprayer or one gallon size.



Quart:
Item# MN-NC2-Q
Size: One Quart Bottle with Sprayer 8 bottles per case
Sold by the Case

Gallon:
Item # MN-NC2-G
Size: One Gallon Bottle -- 4 Gallons per Case.
Sold by the Case.

MegaClean™ Detergent All Purpose Cleaner - 1 Gallon

MegaClean is a solution which offers an effective alternative to toxic and flammable solvent based cleaners and is an ideal spot cleaning solution. It easily removes grease, adhesive and photo-resist stains from most surfaces. It is filtered to 0.1 Microns.

This product is recommended for cleaning Dycem mats *INSIDE* of the cleanroom to maintain particle removing qualities.

Item# MN-MC1-G
Size: One Gallon -- 4 Gallons/case
Sold by Gallon



Work Station Cleaner ESD Safe Bottles or One Gallon Container

A non-toxic general purpose cleaner formulated for the Electronic Assembly/Clean Room Environment.

Contains NO: **LESS THAN 100 PPM:**

- | | |
|------------------|-------------|
| • Alcohol Amines | • Alkali |
| • Ammonia | • Bromides |
| • Odor | • Chlorides |
| • Silicones | • Aluminum |
| | • Calcium |
| | • Sodium |
| | • Magnesium |

Bottle: Item # RR-ICSC-2
Size: Two oz. Bottle—50 Bottles per Case
Sold by the case

Bottle: Item# RR-ICSC-16-ESD
Size: 16 oz. Bottle—10 ESD Bottles per Case
Sold by the case

Gallon: Item # RR-ICSC-GAL—4 Gallons per Case
Sold by the Case

Cleanroom Detergents, Disinfectants & Chemicals

Decon-Phene

Non Sterile Cleaner

The filtered, aseptically filled Phenolic Blend is used where broad spectrum disinfection is required in moderate amounts of organic soil. Efficacy performance has been confirmed using A.O.A.C. Protocol Testing at a use dilution of 1:128 in the presence of 5% blood (used to simulate organic soil). **DECON-PHENE** is strong enough to kill a broad



spectrum of pathogenic bacteria, yet mild enough to have no harmful effects on any inanimate, non-porous surfaces. **DECON-PHENE** as a germicidal is effective against a broad spectrum of gram positive and gram negative pathogens as confirmed against Salmonella choleraesuis, Staphylococcus aureus, and Psuedomonas aeruginosa by A.O.A.C. dilution testing. **DECON-PHENE** as a fungicidal at 1:128 is effective against Trichophyton mentaagrophytes. **DECON-PHENE** as a Virucidal kills HIV-1 on pre-cleaned environmental surfaces. **DECON-PHENE** has been specifically developed for a Pharmaceutical Class 100 Sterile Area.

These chemicals have been specifically designed for a Class 100 cleanroom. Chemicals are filled in a Class 100 sterile facility, aseptically, double bagged per gallon for easy transfer.

This product is recommended for cleaning Dycem mats INSIDE of the cleanroom to maintain particle removing qualities and to destroy bacteria.

Item# VA-DP-01-NS

Size: One Gallon

Sold by the Case

Decon-Phene

Sterile Cleaner

The Sterile filtered, aseptically filled Phenolic Blend is used where broad spectrum disinfection is required in moderate amounts of organic soil. Efficacy performance has been confirmed using A.O.A.C. Protocol Testing at a use dilution of 1:128 in the presence of 5% blood (used to simulate organic soil). **DECON-PHENE** is strong enough to kill a broad



spectrum of pathogenic bacteria, yet mild enough to have no harmful effects on any inanimate, non-porous surfaces. **DECON-PHENE** as a germicidal is effective against a broad spectrum of gram positive and gram negative pathogens as confirmed against Salmonella choleraesuis, Staphylococcus aureus, and Psuedomonas aeruginosa by A.O.A.C. dilution testing. **DECON-PHENE** as a fungicidal at 1:128 is effective against Trichophyton mentaagrophytes. **DECON-PHENE** as a Virucidal kills HIV-1 on pre-cleaned environmental surfaces. **DECON-PHENE** has been specifically developed for a Pharmaceutical Class 100 Sterile Area. The benefit of sterile processing further strengthen the strong disinfection capabilities of the product.

These sterile chemicals have been specifically designed for a Class 100 cleanroom. Chemicals are filled in a Class 100 sterile facility, aseptically, sterility tested and double bagged per gallon for easy transfer. All sterile documentation accompanies the order.

Item # VA-DP-02-S

Size: One Gallon

Sold by the Case

Quaternary Ammonium Disinfectants

Process NPD

Process NPD consists of four quaternary ammonium compounds formulated with a compatible detergent system, It contains no perfumes or dyes that would interfere with critical research studies of manufacturing processes.

Item # 6390-08

Size: 1 Gallon Bottle—4 Gallons per Case

Process NPDst

Process NPDst is gamma irradiated to insure sterility and double bagged for ease of introduction into aseptic areas.

Item# 165-08

Size: 1 Gallon Bottle—4 Gallons per Case

T.B.Q.

T.B.Q.'s advanced quaternary ammonium compound kills both gram-positive and gram-negative bacteria, and acid-fast bacilli. It is effective against TB when diluted in distilled water.

Item# 6345-08

Size: 1 Gallon Bottle—4 Gallons per Case

Coverage Plus NPD

Coverage Plus NPD consists of four quaternary ammonium compounds formulated with a compatible detergent system. It contains no perfumes or dyes that could interfere with critical research studies of manufacturing processes.

Item# 6387-08

Size: 1 Gallon Bottle—4 Gallons per Case

Cleanroom Detergents, Disinfectants & Chemicals

Phenolic Disinfectants

LpH Product Family

The LpH family of products offers one-step cleaning and disinfection of hard surfaces. At a use-dilution rate of 1:256, LpH kills a broad spectrum of common bacteria without harming the surface. Formulated to maintain an acidic use-dilution pH of 2.6-3.0, LpH is ideal for use in a disinfection rotation program with the Vesphene alkaline family of products.

LpH se Non-Sterile

LpH se is ideal for use in a disinfectant rotation program with Vesphene IIse.

Item# 6466-08

Size: 1 Gallon Bottle—4 Gallons per Case

Process LpH st Sterile

Process LpH st is gamma irradiated to ensure sterility, and double bagged for ease of introduction into aseptic areas.

Item# 6841-08

Size: 1 Gallon Bottle—4 Gallons per Case

Vesphene Family

The Vesphene family of products offers one-step cleaning and disinfection of hard surfaces. At a use dilution rate of 1:128, Vesphene kills a broad spectrum of common bacteria without harming the surface. Formulated to maintain an alkaline use-dilution pH of 10.4-10.6, Vesphene is ideal for use in a disinfectant rotation program with the LpH acidic family of products.

Vesphene IIse Non-Sterile

Vesphene IIse is ideal for use in a disinfectant rotation program with LpH se.

Item# 6461-08

Size: 1 Gallon Bottle— 4 Gallons per Case

Process Vesphene IIst Sterile

Vesphene IIst is gamma irradiated to ensure sterility, and double bagged for ease of introduction into aseptic areas. It is ideal for use in a disinfection rotation program with Process LpH st.

Item# 6861-08

Size: 1 Gallon Bottle—4 Gallons per Case

Item# 6861-29

Size: 2 oz. Pouch—144 Pouches per Case

Sporicidal Disinfectants

The Spor-Klenz Product Family

The Spor-Klenz family of sporicidal agents is specifically formulated for sterilization and disinfection of hard surfaces. Their stabilized blend of peracetic acid, hydrogen peroxide, and acetic acid provides quick, effective microbial control, including spores.

Spor-Klenz Ready-to-Use

Spor-Klenz Ready-to-Use offers a low toxicity profile and requires no mixing or activation.

Item# 6525-01

Size: 1 Gallon Bottle—4 Gallons per Case

Spor-Klenz Ready-to-Use

Spor-Klenz Ready-to-Use offers a low toxicity profile and requires no mixing or activation.

Item# 6525-M2

Size: 1 Quart Bottle—4 Quarts per Case

Chemicals

Muratic Acid

Muratic acid for concrete floor prep prior to painting.

Item# SW-MUR

Size: 1 Gallon

Sodium Hypo-Chlor

Our sterile filtered, aseptically filled Sodium Hypochlorite (Veltek brand) at 5.25% has been filtered at 0.2 microns and sterility tested. The product ensures sterile sodium hypochlorite is in place.

These sterile chemicals have been specifically designed for a Class 100 cleanroom. Chemicals are filled in a Class 100 sterile facility, aseptically, sterility tested and double bagged. Sterile documentation accompanies the order.

Item# VA-SHC-16Z-5.25

Size: 16 oz.—12 Bottles per Case

Item# VA-SHC-02-5.25

Size: 1 Gallon—4 Gallons per Case

(Chemicals continue on the next page)

Cleanroom Chemicals, Dispensing Bottles

Steri-Peroxide

Our Sterile filtered, aseptically filled Hydrogen Peroxide at 6.0% has been filtered at 0.2 microns and sterility tested. The product ensures sterile hydrogen peroxide is in place, and is double bag packaged for easy transfer into the sterile core.

These sterile chemicals have been specifically designed for a Class 100 cleanroom. Chemicals are filled in a Class 100 sterile facility, aseptically, sterility tested and double bagged per gallon for easy transfer. All sterile documentation accompanies the order

Item# VA-SPER-16Z-6%

Size: 16 oz. Bottles—12 Bottles per Case

Item# VA-SPER-02-6%

Size: 1 Gallon Bottle—4 Gallons per Case

Water

Reagent Grade Water

Reagent Grade Water, ACS, ATM D 1193, type 1.

Item# 7732-18-5

Size: 20 liter tote with spigot

Steri-Water

Our Sterile filtered, aseptically USP Purified Water has been filtered at 0.2 microns and sterility tested. The product ensures sterile USP Water is in place, and is double bag packaged for easy transfer into the sterile area.

These sterile chemicals have been specifically designed for a Class 100 cleanroom. Chemicals are filled in a Class 100 sterile facility, aseptically, sterility tested and double bagged per gallon for easy transfer. All sterile documentation accompanies the order.

Item# VA-STWA-16Z

Size: 16 oz. Bottles—12 Bottles per Case

Item# VA-STWA-02

Size: 1 Gallon— 4 Gallons per Case

Plastic Squirt Bottles

Right-To-Know safety bottles are made of low-density polyethylene with polypropylene closure. Features International Chemical (ICS) chemical formula and Chemical Abstract System (CAS). To prevent cross contamination, each bottle has a color bar which corresponds to its colored closure. Closure and spout are molded one piece making it leak proof.



Item#	Description
PL-405070GC	Acetone Plastic Squirt Bottle
PL-40581GC	Bleach Water Plastic Squirt Bottle
PL-40586GC	Dichloromethane Plastic Squirt Bottle
PL-40571GC	Deionized Water Plastic Squirt Bottle
PL-40578GC	Distilled Water Plastic Squirt Bottle
PL-40572GC	Ethanol Plastic Squirt Bottle
PL-40573GC	Ethanol (70%) Plastic Squirt Bottle
PL-40584GC	Ethyl Acetate Plastic Squirt Bottle
PL-40576GC	Isopropanol Plastic Squirt Bottle
PL-40574GC	Machine Oil Plastic Squirt Bottle
PL-40582GC	Methanol Plastic Squirt Bottle
PL-40577GC	Methyl Ethyl Ketone (MEK) Plastic Squirt Bottle
PL-40585GC	Saline Solution Plastic Squirt Bottle
PL-40579GC	Soap Plastic Squirt Bottle
PL-40583GC	Toluene Plastic Squirt Bottle
PL-40575GC	Universal Plastic Squirt Bottle
PL-40580GC	Water Plastic Squirt Bottle

Cleanroom Shoe Cleaners

Our shoe cleaners remove harmful particles before entering the cleanroom. The shoe cleaners are available with an internal vacuum or can be attached to a central system.

Shoe Cleaner with Internal Vacuum

Fully automatic shoe cleaner with built in vacuum pump and disposable dust bags.

- Simple to operate
- Rugged design gives long life
- 5 brushes for complete contamination removal
- Large footprint for stability
- Speed control, brush motor



Specifications:

Size of main unit.....18"W x 27"L x 10.5"H
 Overall height with handle....40"
 Weight.....47 LBS
 Shipping Weight.....55 LBS
 Voltage.....110-120V AC
 Cycle.....60 CYL
 Amperage - no load.....8 AMPS
 Amperage - under load.....12 AMPS
 Electrical Connection.....extension cord with parallel
blades and "U" shaped ground
connector for wall outlet
 Vacuum Exhaust.....1.50 I.D. x 1.75 O.D

Item#	Description
UC1600VA-32	HEPA Filter Adapter for Above Vacuum
UC-1600VAH-120V	Shoe Cleaner w/Internal Vacuum, HEPA, 120V
UC-1600VAH-220V	Shoe Cleaner w/Internal Vacuum, HEPA, 220V
UC-1600VA-33	Filter Replacement for Above Vacuum, 12 pack
UC-1600VA-12	Dust Collection Bag for Shoe Cleaner
UC-1600SA-120V	Central Vacuum, 120V
UC-1600VA-220V	Central Vacuum, 220V



HEPA Filter Adapter and Replacement Filters are also available.



Cleanroom Lotions & Sanitizers

Hand Lotion, Cleanroom Rated

R&R Brand Hand Lotions are fragrance and dye free with Aloe Vera and Vitamins A, D, and E. This non-acidic formula helps relieve skin chapping, flaking, irritation and sensitivity caused by regular use of latex and nitrile gloves and finger cots. Non-petroleum, non-contaminating and greaseless formula absorbs immediately into skin without interfering with your grip or dexterity. Meets clean room requirements for Class 10,000 to Class 1. Ion: <50ppm. Formulated for use in the electronic, clean room, pharmaceutical, and food environments where any type of contamination is unacceptable



R & R Brand Cleanroom Hand Lotion

Item#	Description
RR-ICL-1-CR	IC Hand Lotion White "Cleanroom Safe", 1 oz.
RR-ICL-8-CR	IC Hand Lotion White "Cleanroom Safe", 8 oz.
RR-ICL-16-CR-ESD	IC Hand Lotion White "Cleanroom & ESD Safe", 16oz.
RR-ICL-32-CR	IC Hand Lotion White "Cleanroom Safe", 32 oz.
RR-ICL-64-CR	PreGlove Fragrance Free Lotion, 64 oz., Disp. Refills
RR-ICL-GAL-CR	IC Hand Lotion White "Cleanroom Safe", Gallon
RR-IC-PUMPS	Pump For Gallon Bottle
RR-HFC-64	Dispenser, 64 oz.
RR-WALL-BR-32	Wall Bracket—Holds 32 oz. Bottle

Clean Lip Balm

- Helps chapped lips
- Helps prevent cracking and bleeding
- Low particulates / ionics

Item#	Description
RR-ICLB	Clean Lip Balm

Industrial Sunscreen, SPF 30+

Dispenser Refills for 64 oz. Industrial Sunscreen, PF 30+

Item#	Description
RR-ISSC-64	Industrial Sunscreen SPF 30+

I.C. Antibacterial, Antimicrobial Lotion

I.C. Antibacterial Sanitizer Lotion is enriched with Aloe Vera and Vitamins A, D & E. This natural non-acidic, alcohol-free moisturizing lotion helps achieve healthier, softer, younger looking hands and nails, while relieving skin chapping, irritation, and sensitivity caused by regular use of latex and nitrile gloves or finger cots. A non-petroleum, non-contaminating formula, it contains no glycerin, mineral oil, silicone, or lanolin, absorbing immediately into the skin without interfering with your grip or dexterity. Formulated for medical, pharmaceutical, and food environments.

R&R Brand I.C. Antibacterial, Antimicrobial Lotion

Item#	Description
RR-ICAB-1-TUBE	Antibacterial/Antimicrobial Lotion, 1 oz.
RR-ICAB-2	2 oz. Bottle
RR-ICAB-8	8 oz. Bottle
RR-ICAB-8-ESD	8 oz. Bottle—ESD Safe
RR-ICAB-16-ESD	16 oz. Bottle—ESD Safe
RR-ICAB-32	32 oz. Bottle with Pump
RR-ICAB-64	PreGlove Antibacterial Lotion
RR-ICAB-GAL	1 Gallon Bottle
RR-IC-PUMPS	Pump for Gallon Bottle
RR-HFC-64	Dispenser, 64 oz.
RR-WALL-BR-32	Wall Bracket—Holds 32 oz. Bottle

Cleanroom Hand Lotions & Sanitizers

I.C. Antibacterial Hand Cleaner

I.C. Antibacterial Hand Cleaner a neutral, mildly cationic, antibacterial, hand cleaner formulated for use in the electronic, clean room, pharmaceutical, and food environments where any type of contamination is unacceptable. Regular hand cleaners contain soap, along with silicone, lanolin, and mineral oil, which will cause contamination.

R & R Brand I.C. Antibacterial Hand Cleaner

Item#	Description
RR-ICC-2	2 oz. Bottle
RR-ICC-32	Hand Cleaner, 32 oz. Bottle
RR-ICC-64	Antibacterial Hand Cleaner, 64 oz.
RR-ICC-GAL	Hand Cleaner, 1 gal. Bottle
RR-IC-PUMPS	Pump for Gallon Bottle
RR-HFC-64	Dispenser, 64 oz.
RR-WALL-BR-32	Wall Bracket—Holds 32 oz. Bottle

Standard I.C. Cleanroom Hand Lotion

Fragrance and dye free with Aloe Vera and Vitamins A, D, and E. This non-acidic formula helps relieve skin chapping, flaking, irritation and sensitivity caused by regular use of latex and nitrile gloves and finger cots. Fragrance and dye free. Greaseless formula absorbs immediately into skin without interfering with your grip or dexterity

R & R Brand Standard Hand Lotion

Item#	Description
RR-ICL-8	IC Hand Lotion "Blue", 8 oz.
RR-ICL-8-ESD	IC Hand Lotion "Blue", 8 oz. ESD Safe
RR-ICL-16-ESD	IC Hand Lotion "Blue", 16 oz. ESD Safe
RR-ICL-32	IC Hand Lotion "Blue", 32 oz.
RR-ICL-64	Dispenser Refills, 64 oz. Blue
RR-ICL-GAL	IC Hand Lotion "Blue", Gallon
RR-IC-PUMPS	Pump for Gallon Bottle
RR-HFC-64	Dispenser, 64 oz.
RR-WALL-BR-32	Wall Bracket—Holds 32 oz. Bottle

NovaDyne™ Soap

General purpose soap for use in commercial settings. Lotion soap has built-in emollients and good sudsing.

Formulation is pH balanced so skin is left feeling smooth and deodorized. Synthetic formulation is free rinsing, leaving hands free of any residue.

Available in 500 ml saddle pump bottle

Sold By 500 ML Pump. 6 Pumps per Case.



Item#	Description
MN-IC-110	NovaDyne Lotion Soap, 500 ML Bottle

LoNa™ Cleanser

Low sodium cleanser specially designed for the high-tech cleanroom.

Low sudsing formulation has extremely low ion counts - less than 100 ppb for sodium. Gentle cleansing formula is pH balanced and is clean enough to be used on the hands and face. Ideal for hand and glove washing.

Available in 500 ml saddle pump bottle

Sold By Case, 6 pumps per case



Item#	Description
MN-IC-120	LoNa Cleanser, Low Ion Soap, 500 ML

Facial Towelettes

- Removes skin flakes / make-up
- Saves on laundry cost
- Alcohol free
- Use for both face and hands

Item#	Description
RR-ICFT	Facial Towelettes, 50/Pack

Cleanroom Lotions and Sanitizers

NovaClenz™ Hand and Glove Sanitizer

Effective and fast acting instant hand sanitizer which requires no sink, water or towels. Clear gel contains 60% ethyl alcohol to provide excellent antiseptic and sanitization capabilities. Formulation helps prevent bacterial transfer including Pseudomonas, Salmonella and Staphylococcus. Essential for pharmaceutical, bio-medical and health care applications.



Available in 500 ml saddle pump bottle

Sold By 500 ML Pump Bottles. 6 per Case.

Item#	Description
MN-IC-210	NovaClenz Waterless 60% Ethyl Alcohol

AquaHol™ Glove Sanitizer

A custom blend of Isopropanol in WFI, developed specifically for glove sanitization. Filtered to 0.1 microns this sterile alcohol blend can be used over gloves prior to entering into aseptic areas or over gloved hands between critical processes.



Aquahol is available double bagged in a 500 ml bottle. The alcohol is irradiated with certificate of sterility and full lot traceability. The pump and pathway are also irradiated.

Sold By Case. 6 Pump Bottles per Case.

Item##	Description
MN-IC-220	AquaHol Glove Sanitizer 70% IPA

BioClenz™ Hand Soap 2% CHG

Chlorhexidine Gluconate (CHG) 2% formulation - skin cleanser/surgical scrub which offers rapid and persistent action against all gram positive and gram negative organisms.



BioClenz has a high sudsing emollient base, and an on-going kill rate of up to 6 hours. FDA approved and registered.

Available in 500 ml saddle pump bottle

Sold By Case. 6 Pump Bottles per Case.

Item#	Description
MN-IC-320	BioClenz Hand Soap 2% CHG Base

Hy-G-Clenz™

Anti-bacterial lotion soap meets OSHA standards and is effective against a wide range of both gram positive and gram negative bacteria. A unique blend of .3% Triclosan and natural emollients this formulation is ideal for frequent handwashing. Kills germs while leaving hands feeling soft and smooth.



Available in 500 ml saddle pump bottle

Sold By Case. 6 Pump Bottles per Case

Item#	Description
MN-IC-420	Hy-G-Clenz Antibacterial Soap

Cleanroom Lotions and Sanitizers

NovaDerm™ Anti-Microbial Barrier Lotion

Barrier protectant lotion with an anti-microbial agent. Non-greasy formulation with active ingredients proven to soften dry skin while at the same time re-moisturizing skin tissue. **NovaDerm** does contain silicon.



Can be used as a barrier cream and moisturizing agent with or without gloves.

Available in 500 ml saddle pump bottle.

Sold By Case. 6 Pump Bottles per Case.

Item#	Description
MN-IC-510	NovaDerm Barrier Lotion, AntiMicrobial

M-Zone™ MicroDispenser™

The **Micronova™ MicroDispenser** is a compact, gravity fed, touch free dispensing unit.

With no tubes or pump assembly, it reduces cross-contamination and waste. When the electronic beam is broken by a hand passing under the unit, the soap is dispensed.

This dispenser is battery operated, and compatible with Micronova's entire handcare line.



Item#	Description
MN-ICDISP-3	MicroDispenser Compact Soap Dispenser

About Face™ Cleaning Wipes

Micronova's About Face™ Cleaning Wipes offer a pre-moistened cleansing wipe that is gentle enough for the face, but can also be used as a pre-cleaning wipe to remove surface grime and soil prior to gloving or sanitizing hands.



The poly blend wipe is pre-moistened with a gentle, alcohol free moisturizing lotion. Individually bagged, the About Face Cleansing Wipes are alcohol free and biodegradable.

Item#	Description
MN-MMR-01	About Face Cleansing Wipes

Ultrasonic Cleaners

Branson Ultrasonic Cleaners

These Branson cleaners offer seven ways to get the full, efficient power of ultrasonic cleaning at an affordable price. They give parts the ultrasonic scrub that cleaners the way no conventional methods can, but will not damage the even most sensitive components. Their unique penetrating action gets at dirt and grease hidden away in tiny cracks and crevices by generating millions of microscopic vacuum bubbles that scrub the surface as they implode.

The five models can be ordered in three configurations: Unheated with a mechanical timer; heated with a mechanical timer; or heated with digital timer, heat controls and degas function (which allows immediate use at maximum efficiency). Models with mechanical timers include a hold button for continuous-mode operation. Models with digital timers allow exact cleaning cycles up to 99 minutes (mechanical timers are 60 minutes). All models except series PC620 come with a tank cover and are designed for operation at 117VAC, 50/60Hz. (See



#8800 Heated with Digital Controls



#1800 Heated with Mechanical Timer



#3800 Heated with Mechanical Timer



#2800 Heated with Digital Controls



#5800 Heated with Digital Timer

Model	Tank Size	Overall Size	Tank Capacity	Drain	Unheated Cleaners	Heated Cleaners With Mechanical Timers	Heated Cleaners With Digital Timers, Heat Control, Degas
1800	6" x 5 1/2" x 4"	10" x 12" x 11 1/2"	0.5 gal.	No	M1800	M1800H	CPX1800H
2800	9 1/2" x 5 1/2" x 4"	13 1/2" x 12" x 11 1/2"	0.75 gal.	No	M2800	M2800H	CPX2800H
3800	11 1/2" x 6" x 6"	16" x 12" x 14 1/2"	1.5 gal.	Yes	M3800	M3800H	CPX3800H
5800	11 1/2" x 9 1/2" x 6"	16" x 15 1/2" x 14 1/2"	2.5 gal.	Yes	M5800	M5800H	CPX5800H
8800	19 1/2" x 11 1/2" x 6"	24" x 18" x 14 1/2"	5.5 gal	Yes	M8800	M8800H	CPX8800H

Ultrasonic Cleaners

Branson Ultrasonic Accessories

We offer a wide line of cleaning accessories to make your cleaning job easier and faster. Exactly which accessories you need will depend on the cleaning method you use.

For **Direct Cleaning** you typically need only a perforated insert tray. This method involves pouring the cleaning fluid directly into the tank and then lowering items either in a perforated tray or suspended by a wire. The chief advantage of this method is its simplicity. It does, however present several disadvantages: all removed soil remains in the tank; only one solution can be used at a time; and highly acidic or caustic solutions should not be used at all.

Indirect Cleaning solves these problems and provides more flexibility and control over the cleaning cycle. In this method; the tank is filled with a liquid driving medium, such as water, plus a wetting agent (detergent) to improve circulation. Cleaning solutions are poured into one or more

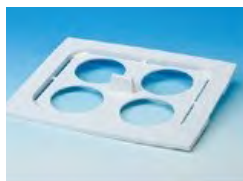
beakers or solid insert trays, where parts can then be placed. The beakers fit into a beaker positioning cover which suspends them in the tank. If a solid tray is being used, its handles should fit over the edges of the unit and suspend it in the tank.

This method ensures that removed soil stays in the beaker or tray; it can be easily examined, filtered, or discarded. Indirect cleaning also lets you **use one or more solutions at the same time.** In a large cleaner which features inserts for three beakers, one beaker might contain a rinse solution and the other two beakers could contain two different types of cleaning solutions. Whichever method you employ, **optimal cleaning occurs in the area of the tank between 1/2" from the top and 1/2" from the bottom.** Therefore, parts should not be placed directly on the bottom.

(See our web site for photos of all below items. See next page for Ultrasonic Cleaning Chemicals.)



Mesh Basket 916-33*



Beaker Cover A52-4



Solid Tray A*2-2



Support Rack SR-*5

Trays, Covers and Baskets

These accessories expand the potential applications of the ultrasonic cleaners listed on the previous page. Select accessories for corresponding cleaner model listed on table.

Accessories for Branson Series 1510 Cleaners

Mesh Basket	916-333
Insert Tray (solid)	A12-2
Insert Tray (perforated)	A12-3
Support Rack	SR-15
Beaker Positioning Cover	A12-4
for one 600 ml or 400 ml beaker	

Accessories for Branson Series 2510 Cleaners

Mesh Basket	916-334
Insert Tray (solid)	A22-2
Insert Tray (perforated)	A22-3
Support Rack	SR-25
Beaker Positioning Cover	A22-5
For two 600 ml or 400 ml beakers	
Beaker positioning Cover	A22-6
for two 250 ml beakers	

Accessories for Branson Series 3510 Cleaners

Mesh Basket	916-335
Insert Tray (solid)	A32-2
Insert Tray (perforated)	A32-3
Support Rack	SR-35
Beaker Positioning Cover	A32-4
for three 250 ml beakers	
Beaker Positioning Cover	A32-5
for two 250 ml beakers	

Accessories for Branson Series 5510

Insert Tray (solid)	A52-2
Insert Tray (perforated)	A52-3
Support Rack	SR-55
Beaker Positioning Cover	A52-4
For four 600 ml beakers	

Accessories for Branson Series 8510 Cleaners

Insert Tray (solid)	A82-2
Insert Tray (perforated)	A82-3
Support Rack	SR-85
Beaker Positioning Cover	A82-4
For six 600ml or 400 ml beakers	

Ultrasonic Cleaning Chemicals

General Purpose Cleaner

Branson GP General Purpose Concentrate is a biodegradable caustic-free alkaline cleaner formulated for general purpose cleaning and maintenance cleaning where soil levels are relatively light.



GP concentrate solution is ideal for removing a wide range of soils like fingerprints, dust, packaging particulates, and light oils and greases from metalworking and light machining operations. Applications include: metal stampings and machined components, glassware, rigid injection molded parts, and other components with light-to-intermediate soil levels.

Branson GP is mixed with water in a concentration of 10 to 12% by volume and can be used at temperatures ranging from ambient to 180 degrees F (82 degrees C). Optimum cleaning performance is achieved at higher temperatures.

Branson GP Concentrate Quarts
Item# 000-955-014 12 Quarts per case

Branson GP Concentrate Gallons
Item# 000-955-016 4 Gallons per case

Industrial Strength Cleaner

Branson IS Industrial Strength Concentrate is a biodegradable, phosphate-and caustic-free alkaline cleaner formulated for heavy-duty industrial use. Branson IS solution readily removes heavier greases, oils, and particulates, as well as drawing lubricants and light carbon deposits.

Applications include: removal of heavier soils from automotive, aircraft, and similar mechanical components, and cleaning prior to secondary finishing operations (including painting, plating and electrostatic coatings).

Branson IS is mixed with water in a concentration of 8 to 10% by volume and can be used at temperatures ranging from ambient to 180 degrees F (82 degrees C). Optimum cleaning performance is achieved at higher temperatures. Similar to General Purpose Cleaner but with greater cleaning strength

DO NOT USE THIS PRODUCT TO CLEAN ALUMINUM - USE METAL CLEANER.

Branson IS Concentrate Quarts
Item# 000-955-114 12 Quarts per case

Branson IS Concentrate Gallons
Item# 000-955-116 4 Gallons per case

Buffing Compound Remover

Branson BC Buffing Compound Concentrate is a biodegradable, phosphate and caustic free cleaner developed for removing buffing compound.

A blend of non-ionic surfactants, detergents, and emulsifiers, Branson BC has been formulated to remove the most difficult buffing compounds and carriers. The non-viscous liquid rapidly removes tripoli, rouge, lime, diamond tripoli, etc. from buffed compounds and it rinses freely and quickly.

Branson BC is mixed with water in a concentration of 6 to 7% by volume and can be used at temperatures ranging from ambient to 180 degrees F (82 degrees C). Optimum cleaning performance is achieved at higher temperatures.

Branson BC Concentrate Quarts
Item# 000-955-314 12 Quarts per case

Branson BC Concentrate Gallons
Item# 000-955-316 4 Gallons per case

Oxide Remover

Branson OR Oxide Remover Concentrate is a blend of non-ionic detergents in an acidic base. It is a phosphate-free and biodegradable. Branson OR rapidly removes rust and other oxides from metals. Caution should be used with this acidic material.

Typical applications include: oxide removal following soldering, brazing, welding, and similar operations.

Branson OR is mixed with water in a concentration of 6 to 7% by volume and can be used at temperatures ranging from ambient to 120 degrees F (48 degrees C). Optimum cleaning performance is achieved at higher temperatures.

Branson OR Concentrate Quarts
Item# 000-955-514 12 Quarts per case

Branson OR Concentrate Gallons
Item# 000-955-516 4 Gallons per case

Ultrasonic Cleaning Chemicals

Optical Cleaner

Branson OC Optical Cleaner Concentrate is an alkaline non-foaming, liquid detergent formulated for the optical glass and lens manufacturing industry. It is designed to be particularly free-rinsing, minimizing residual haze.

It removes general soils, fingerprints, cerium oxide, pitch, and some blocking waxes from optical lenses. It is very effective in removing polishing compounds from glass and optical surfaces prior to deposition of coatings. Applications include cleaning of ophthalmic and other lenses during manufacture, laser components, and quartz crystals following lapping.

Branson OC is mixed with water in a concentration of 7 to 10% by volume and can be used at temperatures ranging from 130 to 180 degrees F (55 to 82 degrees C). Higher temperatures are required for waxy soil removal

Branson OC Concentrate Quarts
Item# 100-955-722 12 Quarts per case

Branson OC Concentrate Gallons
Item# 100-955-726 4 gallons per case

Metal Cleaner

Branson MC-2 Metal Cleaner Concentrate is a biodegradable, phosphate and caustic-free alkaline cleaner formulated for general purpose and normal maintenance cleaning applications. MC-2 Concentrate solution is an emulsifying cleaner, holding soils in solution and preventing them from redepositing on cleaned parts.

MC-2 Concentrate solution removes oils, greases and a wide variety of solids from ferrous metals, stainless steel, titanium alloys, copper and copper alloys. It is not recommended for aluminum or aluminum alloys. Branson MC-2 is mixed with water in a concentration of 7 to 10% by volume and can be used at temperatures ranging from ambient to 180 degrees F (82 degrees C). Optimum cleaning performance is achieved at higher temperatures.

Branson MC-2 Concentrate Quarts
Item#100-955-840 12 quarts per case

Branson MC-2 Concentrate Gallons
Item# 100-955-834 4 gallons per case



Electronics Cleaner

Branson EC Electronic Cleaner Concentrate is a biodegradable, phosphate and caustic free alkaline cleaner formulated for heavy-duty industrial use. EC Concentrate solution is formulated to remove oils, resins, rosins, and other typical soils from hard surfaces normally encountered in the electronic, plating and other related industries.

Applications include: cleaning of infrared detectors, electrical contacts and leads, ceramic insulators, and other electronic components during manufacturing or assembly. Whether cleaning through-hole or surface mount boards, Branson EC does the job effectively and ergonomically.

Branson EC is mixed with water in a concentration of 2 to 5% by volume and can be used at temperatures ranging from 130 to 160 degrees F (55 to 72 degrees C). Optimum temperature is 140 degrees F (60 degrees C).

Branson EC Concentrate Quarts
Item# 100-955-920 12 Quarts per case

Branson EC Concentrate Gallons
Item# 100-955-914 4 Gallons per case

MC-3 Metal Cleaner

Branson MC-3 Metal Cleaner Concentrate is biodegradable, phosphate and caustic free alkaline cleaner formulated for heavy-duty industrial use. MC-3 Concentrate solution is an emulsifying cleaner holding solid in solution and preventing them from re-depositing on cleaned parts.

MC-3 concentrate solution removes oils, greases and a wide variety of soils and should be used when an emulsifier is required to clean aluminum and aluminum alloys.

Branson MC-3 is mixed with water in a concentration of 7 to 10% by volume and can be used at temperatures ranging from ambient to 160 degrees F (70 degrees C). Optimum cleaning performance is achieved at higher temperatures.

Branson MC-3 Concentrate
Item# 100-955-8503Q 3 Quarts per case
Item# 100-955-8506Q 6 Quarts per case
Item# 100-955-850 12 Quarts per case

Cleanroom Adhesive/Tacky Rollers

Cleanline Sticky Rollers

CLEANLINE STICKY ROLLERS provide the best possible means of removing even the smallest particles of contamination from flat surfaces such as walls, ceilings, floors, table tops, etc. The unit consists of: a reusable Roller Handle, a Roller Handle Extension, and a disposable Roller Refill containing the adhesive sheets. The handle is made entirely of non-contaminating stainless steel and plastic, as is the Roller Handle Extension. Roller Handle Extensions are available in a 3-ft. to 6-ft., telescoping length and simply screw into the Roller Handle.

The disposal Roller Refills are available in 12-in. and 18-in. widths, with a 3-in. I.D. polyethylene core 4 rolls per case. This large core diameter provides a generous cleaning area, resulting in less frequent sheet disposal, and the polyethylene core is non-contaminating. Upon the core is wrapped single-

faceted adhesive film - either 3 mil. clear polyethylene film (for smooth surfaces cleaning), or a polyethylene film/foam laminate (for slightly uneven surfaces).

The Film type Roller Refill has 60 sheets of 14-in. length. While the Foam type Roller Refill provides 20 sheets of 16-in. length. Both sheets are perforated at circumferential distances, and the Film Type Refill has an uncoated edge. When a sheet becomes contaminated it is simply peeled off to clean it. When the Refill is used up, it is slid off the Handle and a new Refill simply slides on.



Item#	Description
CSR-1500-H	Sticky/Tack Roller Handle—1.5" ID
CSR-1509-F	Sticky/Tack Roller Refill—9" Foam—1.5" Core; 4 Rolls/Case
CSR-1509-P	Sticky/Tack Roller Refill - 9" Foam - 1.5" Core, 4 Rolls/Case
CSR-0300-H	Sticky/Tack Roller Handle—3" ID
CSR-0306-E	Sticky/Tack Roller Mop Handle Extension
CSR-0312-F	Sticky/Tack Roller Refill—12" Foam—3" Core; 4 Rolls/Case
CSR-3012-P	Sticky/Tack Roller Refill—12" Poly—3" Core; 4 Rolls/Case
CSR-3018-F	Sticky/Tack Roller Refill—18" Foam—3" Core; 4 Rolls/Case
CSR-3018-P	Sticky/Tack Roller Refill—18" Poly—3" Core; 4 Rolls/Case

9", 12", or 18" Poly Sticky Roller

Tacky Rollers that are comprised of Polyethylene & Acrylic solvent based adhesive sheets that effectively capture dirt and dust from floors, walls & ceilings in controlled environments. Designed for use on smooth surfaces. Perforated sheets allow for removal after use, providing a new surface area for next application. A bactericide is used which does not support microbial growth.

Physical Characteristics:

- **Mat film: Polyethylene**
- **Adhesive: Solvent Based Acrylic**
- **Adhesive Force: 650/800 g/25mm (Tolerance:+100 -50)**
- **Tensile strength: >170 kg/cm²**
- **Rupture Elongation: >250%**

- **Heat resistance: 158 degrees F / 70 degrees C - 48 hours**
- **Width (inch): 9 Inches (or 18 inches)**
- **Length (inch): Sheet: 7.36 Inches**
- **Core diameter: 3 Inches**
- **Core material: Plastic**
- **Total Sheets per roll: 107**
- **Color: Blue**

Item#	Description
TRRP-9	9" Poly Sticky Roller, 4 per case
TRRP-12	12" Poly Sticky Roller, 4 per case
TRRP-18	18" Poly Sticky Roller, 4 per case

Swabs & Applicators

At NCI we carry rugged cleanroom swabs that will stand up to solvents and hard use; gentle swabs for delicate electronics or optics, chemical-resistant and anti-static cleanroom swabs for lint-sensitive environments.

We carry a full line of Swabs for any Cleanroom Application.



PurSwab® Foam-Tipped Applicators	T-2-3
Lymtech® Foam Tipped Cleanroom Swabs	T-4
Lymtech® Foam/Cotton Tipped Cleanroom Swabs	T-5
Puritan® Cotton-Tipped Applicators	T-6
Lymtech® Cotton Tipped Swabs	T-6
Puritan® Forensic Appl. Swabs, Polyester, Cotton Sterile	T-7
Lymtech® Polyester Cloth Tip Swabs	T-7
PurSwab® Knitted Polyester-Tipped Swabs	T-8
Lymtech® Anti-Static Foam Tipped Applicators	T-9
Puritan® Anti-Static Foam-Tipped Applicators	T-9

Swabs & Applicators

Puritan® PurSwab® Foam-Tipped Applicators

PurSwab® foam-tipped applicators are ideal for critical environments. The tips are made with medical grade, 100% polyurethane foam with 100 PPI (pores per square inch). You can also choose foam over cotton tips for added absorbency. These precision foam-tipped applicators are typically used with deionized water and isopropyl alcohol.



1802-PF
SOLID

(See next page for photos.)

Item#	Description	Handle Material	Handle Dimension	mil	Tip Dimension	mil
1802-PF SOLID	Solid Handle, Regular Tip	Polypropylene	2.375" x 1/10"	60.28 x 2.54	.594" x .188"	15.08 x 4.77
1616-PF	Regular Tip	Polypropylene	6" x .120"	152.28 x 3.05	.875" x .250"	22.21 x 6.35
1605-PSF RECT	Rectangular Tip	Polypropylene	5" x .125" x .195"	126.90 x 4.95 x 3.18	1.000" x 5.31"	25.38 x 13.48
1803-PF	Mini Tip	Polypropylene	3" x .091"	76.14 x 2.31	.468" x .156"	11.88 x 3.96
1805-PF RECT	Rectangular Tip	Polypropylene	5" x .250" x .125"	126.90 x 4.95 x 3.18	.890" x .687"	22.59 x 17.44
1805-PF RND	Round Tip	Polypropylene	5" x .250" x .125"	126.90 x 4.95 x 3.18	1.125" x .906"	28.5 x 22.99
1806-PF	Regular Tip	Polypropylene	6" x 1/10"	152.28 x 2.54	.813" x .188"	20.63 x 4.77
1806-PCF	Regular Foam-Over-Cotton Tip	Polypropylene	6" x 1/10"	152.28 x 2.54	.937" x .375"	23.78 x 9.52
1806-PCFL	Large Foam-Over-Cotton Tip	Polypropylene	6" x 1/10"	152.28 x 2.54	1.000" x 3.75"	25.38 x 9.52
1876-PF	Flexible Paddle Tip	Polypropylene	6" x .120"	152.28 x 3.05	.594" x .188"	15.08 x 4.77



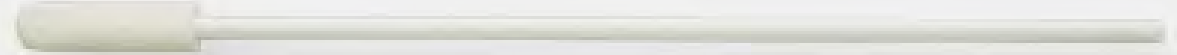
Swabs & Applicators

Puritan® PurSwab® Foam-Tipped Applicators

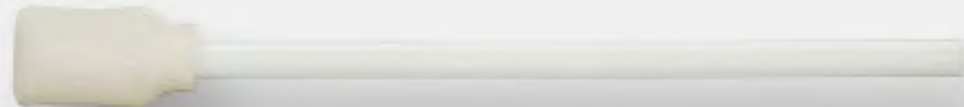
1802-PF
SOLID



1616-PF



1605-PSF-
RECT



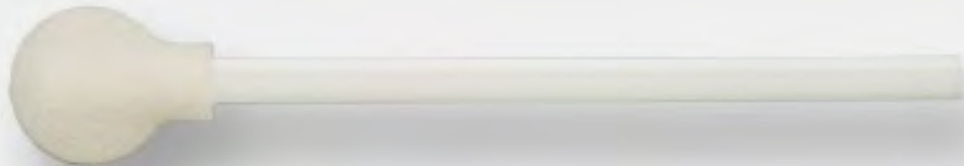
1803-PF



1805-PF-
RECT



1805-RND



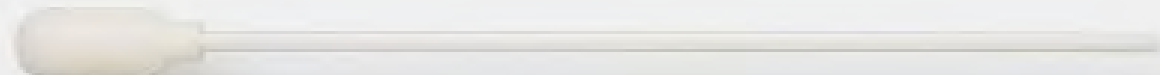
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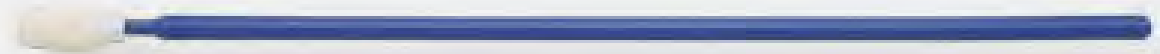
1806-PCF



1806-
PCFL



1876-PF



Swabs & Applicators

Lymtech® Foam-Tipped Cleanroom Swabs

These **Foam Tipped Cleanroom Swabs by Lymtech®** provide superior products for use in a wide range of specialized cleaning tasks. Foam tipped swabs are made of a special open celled foam containing 100 pores per square inch, which

makes them effective in particle entrapment. They are thermally bonded, durable and non-abrasive, and compatible with most organic solvents and cleaning compounds. These swabs are packed 50 per bag, 10 bags per case.

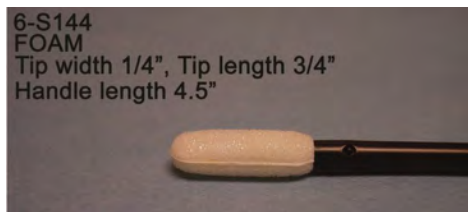
Item#	Description	Handle Dimension	Tip Dimension
S-143	Foam Tipped Swab	4" Plastic	1/8"W x 1/2"L
S-144	Foam Tipped Swab	4.5" Plastic	1/4"W x 3/4"L
S-145	Foam Tipped Swab	6" Plastic	3/16"W x 7/16"L
S-146	Foam Tipped Swab	5 1/4" Plastic	5/8"W x 1"L

Item#	Description	Handle Dimension	Tip Dimension
S-148	Foam Tipped Swab	3" Plastic	3/16"W x 1/2"L
S-161-B	Foam Tipped Swab	6" Plastic	1/3"W x 5/8" L
S-165	Foam Tipped Swab	5" Plastic	1/2"W x 1"L
S-166	Foam Tipped Swab	5" Plastic	3/4"W x 1"L
S-172	Foam Tipped Swab	3" Plastic	6/16"W x 1"L

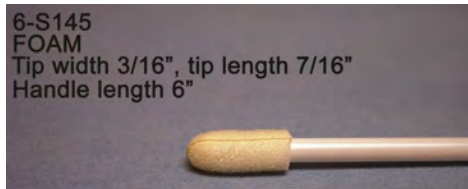
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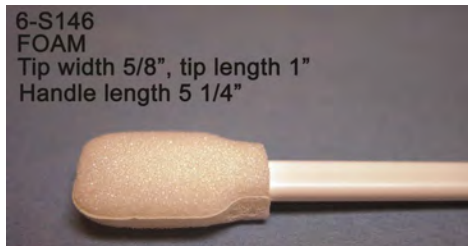
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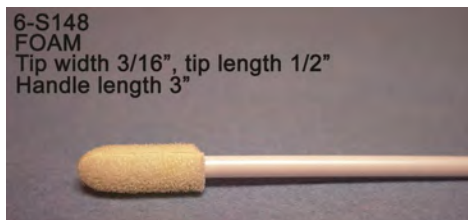
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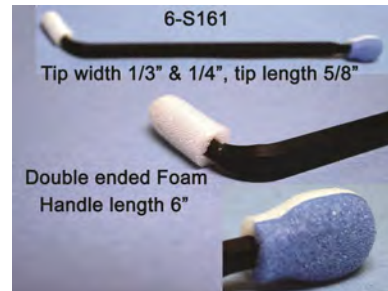
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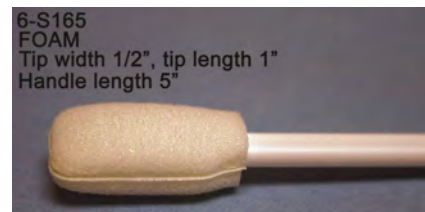
S-148



S-161-B



S-165



S-166



S-172



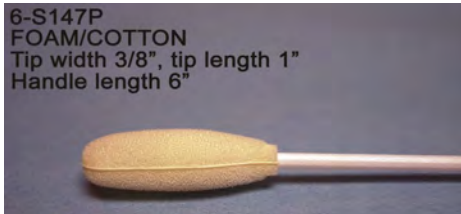
Swabs & Applicators

Lymtech® Foam/Cotton Tipped Cleanroom Swabs

Foam/Cotton Tipped Swabs combine the strength of foam and the absorbency of cotton. These Cleanroom Swabs are packed 50 per bag, 10 bags per case.

Item#	Description	Handle Dimension	Tip Dimension
S-147P	Foam/Cotton Tipped Swab	6" Plastic	3/8"W x 1"L
S-147W	Foam/Cotton Tipped Swab	6" Wood	3/8"W x 1" L
S-150P	Foam/Cotton Tipped Swab	6" Plastic	1/4"W x 7/8"L
S-150W	Foam/Cotton Tipped Swab	6" Wood	1/4"W x 7/8"L
S-160	Foam/Cotton Tipped Swab	4" Plastic	3/16"W x 7/16"L

S-147P



S-147W



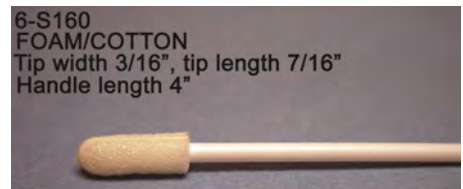
S-150P



S-150W



S-160



Swabs & Applicators

Puritan® Cotton-Tipped Applicators

Puritan® Cotton-tipped Applicators are made of high-quality USP-grade cotton fiber to maintain the consistency of the formed cotton tip on each and every applicator. Listed below are some of the most popular styles. More are available, contact NCI for more information.



803-PC

Item#	Description	Handle Material	Handle Dimension	mil	Tip Dimension	mil
803-PC	Regular Cotton Tip	Hollow Plastic Handle	3" x 1/10"	76.14 x 2.54	.687" x .203"	17.44 x 5.15
803-PC-DBL	Double Regular Tip	Hollow Plastic Handle	3" x 1/10"	76.14 x 2.54	.687" x .172"	17.44 x 4.37
803-PCL	Large Cotton Tip	Hollow Plastic Handle	3" x 1/10"	76.14 x 2.54	.687" x .250"	17.44 x 6.35
806-PC	Regular Cotton Tip	Hollow Plastic Handle	6" x 1/10"	152.28 x 2.54	.687" x .203"	17.44 x 5.15
806-PCL	Large Cotton Tip	Hollow Plastic Handle	6" x 1/10"	152.28 x 2.54	.687" x .250"	17.44 x 6.35

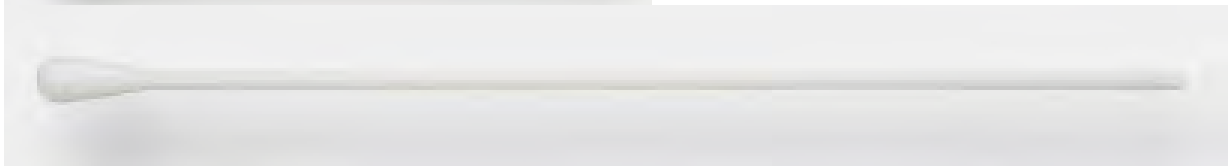
803-DBL



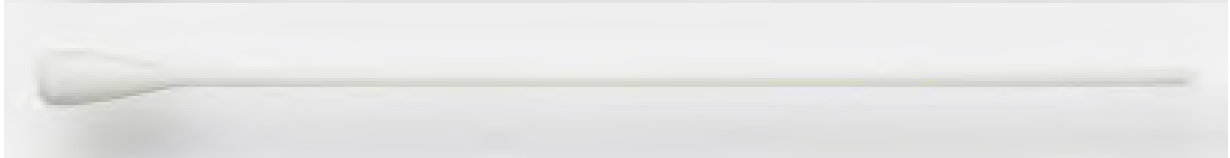
803-PCL



806-PC



806-PCL

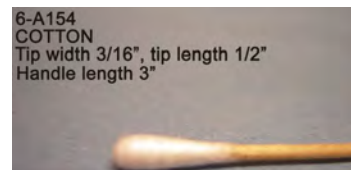


Lymtech® Cotton Tipped Swabs

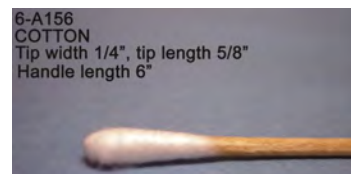
Applicators are made from the purest white cotton available. Their tips are extremely soft and absorbent. Packed 1000 pieces per bag, 10 bags per carton.

Item#	Description	Handle Dimension	Tip Dimension
A-154	Cotton Tipped Swab	3" Wood	3/16"W x 1/2"L
A-156	Cotton Tipped Swab	6" Wood	1/4"W x 5/8"L

A-154



A-156



Swabs & Applicators

Puritan® Forensic Application Polyester Tip, Cotton Tip

These applicators can be relied on to collect minute amounts of specimens, whether they're visible to the naked eye or not. These swabs are used to collect biological evidence, as well as trace DNA and buccal samples.

Item#	Description	Handle Material	Handle Dimensions	Packed
25-806 1PD	Polyester Tip, Sterile	Plastic Shaft	6" x 1/10"	10/100/2 per pkg.
25-806 2PC	Cotton Tip, Sterile	Plastic Shaft	6" x 1/10"	10/100/2 per pkg.

25-806
1PD



25-806
2PC



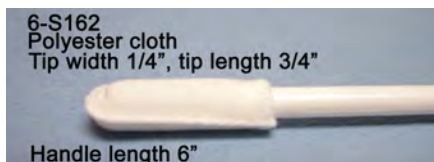
Lymtech® Polyester Cloth Tip Swabs

Fabric-Tipped Polyester Cloth Swabs by Lymtech® are extremely durable, consisting of the same 100% continuous filament polyester found in PURITY WIPES utilized in Class 10 Cleanrooms. These swabs are especially low in chemical

extractables and particle counts. They have exceptional cleaning power and are compatible with acetone. These Cleanroom Swabs are packed 50 per bag, 10 bags per case.

Item#	Description	Handle Dimension	Tip Dimension
S-162	Polyester Cloth Tipped Swab	6" Plastic	1/4"W x 3/4"L
S-163	Polyester Cloth Tipped Swab	3" Plastic	1/8"W x 1/2" L
S-164	Polyester Cloth Tipped Swab	3" Plastic	1/16"W x 1/2"L

S-162



S-163



S-164



Swabs & Applicators

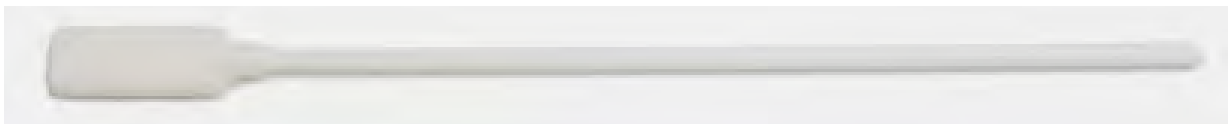
Puritan® PurSwab® Knitted Polyester-Tipped Applicators

PurSwab® Knitted Polyester Tipped Applicators have tips that are a non-abrasive material with double-ply, knitted polyester. They hold up to chemicals typically used in

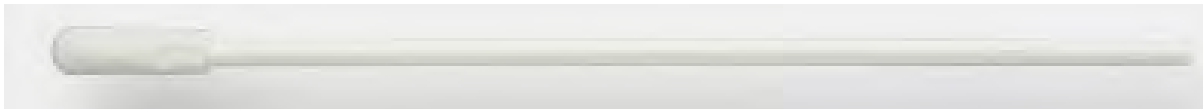
cleanrooms. Low in NVR extraction and particle generation, these are suitable for cleanroom environments, All tips are heat-sealed onto handles.

Item#	Description	Handle Material	Handle Dimension	mil	Tip Dimension	mil
3600	Flat Paddle Tip	Polypropylene	6" x .120"	152.28 x 3.05	1.032" x .375"	26.19 x 9.52
3605	Symmetrical Round Tip	Polypropylene	6" x .125"	152.28 x 3.17	.781" x .203"	19.82 x 5.15
3676	Flexible Paddle Tip	Polypropylene	6" x .12"	151.55 x 3.05	.661" x .268"	16.78 x 6.8
3610	Symmetrical Round Tip	Polypropylene	3" x .125"	76.14 x 3.17	.781" x .203"	19.82 x 5.15
3615	Half-Round with Flange Tip	Delrin (Acetal)	3" x .090"	76.14 x 2.28"	.406" x .125"	10.30 x 3.17
3620	Symmetrical Round Mini Tip	Delrin (Acetal)	3" x .090"	76.14 x 2.28	.406" x .085"	10.30 x 2.16
3625	Symmetrical Round Tip	Delrin (Acetal)	3" x .090"	76.14 x 2.28	.406 x .125	10.30 x 3.17
3651	Symmetrical Round Tip	Polystyrene	5" x 1/10"	126.9 x 2.54	.59" x .203"	14.97 x 5.15

3600



3605



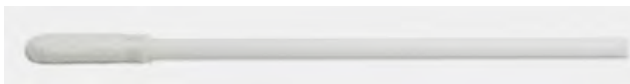
3676



3610



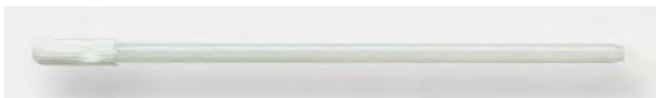
3615



3620



3625



Swabs & Applicators

Puritan® Anti-Static Foam Tipped Applicators

Anti-Static Foam Tipped Applicators are designed to perform in critical environments, these chemical-resistant applicators stand up to solvents and cleaners without tearing or breaking down. These ESD-control styles reduce and dissipate static electricity.

Item#	Description	Handle Material	Handle Dimensions	mil	Tip Dimension	mil
1805-PF RECT AS	Rectangular, Anti-Static, Foam Tip	Polypropylene	5" x .250" x .125"	126.90 x 4.95 x 3.18	1.000 x .687	25.38 x 17.44
1806-PF AS	Regular, Anti-Static Foam Tip	Polypropylene	6" x 1/10"	152.28 x 2.54	.687 x .188	17.44 x 4.77

1805-PF-RECT AS



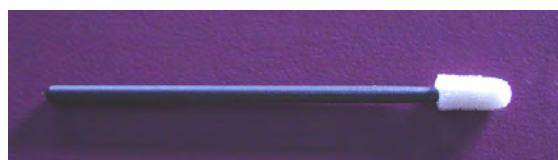
1806-PF AS



Lymtech® ESD Anti-Static Foam Tipped Swabs

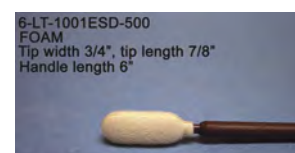
Foam Tipped ESD Safe Swabs by Lymtech® are made of a special open celled foam containing 100 pores per square inch. This pore-and-open-cell structure is extremely effective in particle entrapment. These swabs are thermally bonded, durable and non-abrasive. They are compatible with most organic solvents and cleaning compounds.

Item#	Description	Handle Dimension	Tip Dimension
LT-1001ESD-500	Foam Tipped Swab	6" Plastic	3/4"W x 7/8"L
LT-4312ESD-500	Foam Tipped Swab	2 3/4" Plastic	1/2"W x 1/2"L
SF13ESD	Foam Tipped Swab	2" Plastic	3/4"L
85410ESD	Foam Tipped Swab	3" Plastic	3/16"W x 3/8"L



85410ESD

LT-1001
ESD-500



SF13ESD

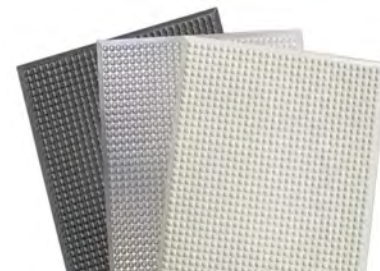


LT-4312
ESD-500



Cleanroom Mats

NCI can supply you with cleanroom mats from anti-fatigue to cleanroom sticky mats in either peel off or washable varieties. Do you need a whole cleanroom floor done in cleanroom sticky mats? Then a washable cleanroom tacky mat will do the trick for you. Our peel off cleanroom tacky mats come in a variety of sizes and colors. Peel off cleanroom tacky mats can be customized with your name or logo. We have frames for peel off cleanroom tacky mats in both aluminum and white polystyrene. Our comfortable anti-fatigue cleanroom mats come solid or perforated, anti-microbial and ESD.



Many of the products listed in this section can be used to achieve compliance of USP 797.

Adhesive Mats - Peel Off

NCI Sticky Mats	U-2
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Anti-Fatigue Mats

Ergomat AB Classic	U-4
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Ergomat AFS Complete Smooth	U-4
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Ergomat Endurance/Industry	U-5
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Ergomat Hygiene	U-4
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Ergomat Infinity	U-4
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Ergomat Nitril ESD	U-5
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Ergomat Nitril Smooth	U-5
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Ortho Mat	U-6
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Wearwell UltraSoft Tile-Top AM	U-5
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Frames for Peel Off Mats

Cleanline Frames	U-2
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Washable Sticky Mats

Dycem CleanZone Premier	U-3
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Dycem Washable ProtectaMat	U-3
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Dycem Washable WorkZone Mat	U-3
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Adhesive Mats - Peel Off

NCI Sticky Mats

- Sticky Mats are designed for cleanroom entrances
- Effectively removes contamination from shoe soles before entry into the cleanroom area
- Eliminates messy, time-consuming cleaning and washing
- Sold in cases of 4 or 8 mats

For other case configurations call NCI for more information.

Item#	Description	Packed
1836-34-W	18" x 36" Sticky Mat - White	30 sheet/Mat, 4 units/case
1836-34-B	18" x 36" Sticky Mat - Blue	30 sheet/Mat, 4 units/case
1845-34-W	18" x 45" Sticky Mat - White	30 sheet/Mat, 4 units/case
1845-34-B	18" x 45" Sticky Mat - Blue	30 sheet/Mat, 4 units/case
2436-34-W	24" x 36" Sticky Mat - White	30 sheet/Mat, 4 units/case
2436-34-B	24" x 36" Sticky Mat - Blue	30 sheet/Mat, 4 units/case
2645-34-W	26" x 45" Sticky Mat - White	30 sheet/Mat, 4 units/case
2645-34-B	26" x 45" Sticky Mat - Blue	30 sheet/Mat, 4 units/case

Item#	Description	Packed
3636-34-W	36" x 36" Sticky Mat - White	30 sheet/Mat, 4 units/case
3636-34-B	36" x 36" Sticky Mat - Blue	30 sheet/Mat, 4 units/case
3645-34-W	36" x 45" Sticky Mat - White	30 sheet/Mat, 4 units/case
3645-34-B	36" x 45" Sticky Mat - Blue	30 sheet/Mat, 4 units/case
3660-34-W	36" x 60" Sticky Mat - White	30 sheet/Mat, 4 units/case
3660-34-B	36" x 60" Sticky Mat - Blue	30 sheet/Mat, 4 units/case

Frames for Peel Off Mats

Cleanline® Frames

Cleanline® Frames are used to provide a uniform and effective base for adhering Sticky mats securely, yet permitting easy removal of the last sheet, eliminating the problems created by floors of widely varying materials. They can also be used to enhance appearance. Frames can be simply laid on the floor, permanently lagged to the floor, or held in place by either a non-skid base or double-faced tape.

Benefits

- Provides uniform base for adhering Sticky Mats
- Works extremely well with all Sticky Mat Bottom adhesives
- No maintenance required
- Enhances appearance of mats
- Pre-assembled, ready to use
- Made of 3" anodized aluminum edge secured to a plastic base
- Overall height is 5/16"



Item#	Description	Outer Dimension
CSF-1836-A	Cleanline Frame 18" x 36"	24" x 42"
CSF-1845-A	Cleanline Frame 18" x 45"	24" x 51"
CSF-2436-A	Cleanline Frame 24" x 36"	30" x 42"
CSF-2645-A	Cleanline Frame 26" x 45"	32" x 51"
CSF-3636-A	Cleanline Frame 36" x 36"	42" x 42"
CSF-3645-A	Cleanline Frame 36" x 45"	42" x 51"
CSF-3660-A	Cleanline Frame 36" x 60"	42" x 66"

Washable Sticky Mats

Dycem® CleanZone Premier

CleanZone Premier is a high performance contamination control zone designed to attract, collect and retain foot & wheel born contamination, preventing particles and microbes from getting into critical areas. Dycem CleanZone is available in a range of attractive designs which means that it still looks good between wet cleaning. Suitable for light wheeled traffic and heavier pedestrian flows. Available in a range of fixed mats or floor coverings to suit your facilities

Benefits

- Prevents over 99% of contamination from entering your critical area
- Improved quality of working life due to reduced allergens in the atmosphere
- Reduced floor and air particle/microbial counts
- Improved yield, cost saving s and profitability
- Reduced risk of high product rejection rates
- Dycem® products cannot be bypassed and require no overt action



Colors Available: Midnight, Slate, Cobalt, Titanium

Item#	Description
CC01/CZ	6'6" Wide CleanZone Sticky Mat
CC01/PCZ/1.2	4' Wide CleanZone Sticky Mat

Dycem® Washable WorkZone Mat

Dycem® WorkZone Mat has been specially designed to remove contamination from areas subject to heavy wheeled traffic. It effectively attracts, collects and retains contamination from the wheels of forklifts, pallet trucks, large trolleys and carts, preventing particles and microbes from getting into your critical areas.



Benefits

- Prevents over 99% of contamination from entering your critical area
- It effectively attracts, collects and retains contamination from the wheels of forklifts, pallet trucks, large trolleys and carts.
- Colors Available: Charcoal, Granite, Blue (Special Order)

Item#	Description
CC01/WZ	6'6" Wide WorkZone Sticky Mat
CC01/WZP/1.2	4' Wide WorkZone Sticky Mat

Dycem® Washable ProtectaMat

Dycem ProtectaMat is a high performance contamination control zone designed to attract airborne particles to it's surface and decontaminate soles of personnel's shoes and booties. This contamination is held on the surface until cleaning takes place.



Benefits

- Prevents over 99% of viable and non-viable contamination from entering the critical area
- Ready for immediate use, simply unroll and place in the desired location
- Complete with red safety leaders to minimize safety hazards
- *ProtectaMat* is also available with self-adhesive backing to prevent underside from slipping

Item#	Description	Packed
CC02/20/1	4' x 6'6" ProtectaMat Sticky Mat	One per package
CC02/30/1	4' x 10' ProtectaMat Sticky Mat	One per package
CC02/40/1	4" x 13" ProtectaMat Sticky Mat	One per package

Anti-Fatigue Mats

Ergomat® Infinity Cleanroom ISO Class 5 (100)

- Chemical and UV exposure will not affect state of mat
- Solid mat throughout, no hollow bubbles that collapse
- Silicone & latex free
- White color offers “extra light” to assembly line area
- Closed cell/non-porous surface allows for easy wash down, cleaning
- Anti-static properties

Ergomat Infinity/Extreme Bubble is the only true ergonomic mat available with up to a lifetime warranty (*in dry applications*). The Infinity Bubble mat has the comfort of a

polyurethane mat and has the added benefit of easy clean-ability due to it’s closed-cell and non-porous surface.

Ergomat Infinity/Extreme Bubble also has extremely good chemical and UV resistance (except for organic solvents). Colors are black, silver and white. Available in 2’, 3’, 4’, 5’, and 6’ widths, any length desired.

12 year limited warranty. **Item Code IN - - - -**



Ergomat® AB Classic (Standard) Cleanroom ISO Class 5 (100)



- Solid mat throughout
- No hollow bubbles that collapse
- Anti-static properties
- Silicone & latex-free

The Ergomat AB Classic is made of pure polyurethane and is designed to increase comfort while reducing tripping hazards, body aches,

quality issues, and sick leave. This is an anti-static mat ideal for dry and non-abrasive areas where static electricity is present. The molded beveled edges will never curl up, eliminating tripping hazards. Color is Anthracite. Available in 2’, 3’, 4’, 5’, and 6’ widths, any length desired. 8 year limited warranty. **Item Code ST - - - -**

Ergomat® AFS Complete Smooth Cleanroom ISO Class 5 (100)

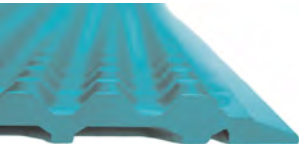
- Solid mat throughout
- Fire retardant
- Resists oils and liquids in moderation
- Anti-static properties
- Silicone & latex-free

Ergomat AFS Complete Smooth is made of pure polyurethane and is designed for all dry and damp areas where

flame retardant and anti-static material is important. Great chemical resistance where chemical/oil spillage may occur. Ideal if carts or trolleys must be used. Color is gray. Available in 2’, 3’, 4’, 5’, and 6’ widths, any length desired. 5 year limited warranty. **Item Code: SX - - - -**



Ergomat® Hygiene Cleanroom ISO Class 5 (100)



- Frequent washes will not affect the state of mat
- Meets USDA/CFIA guidelines
- Silicone & latex-free
- Choice of 4 colors

The Ergomat Hygiene/Aqua is made of premium rubber and is designed for the food industry as

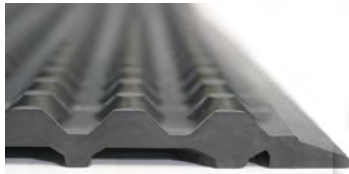
well as for laboratories. Great ergonomics combined with chemical resistance. Hygiene can be autoclaved and has great anti-bacterial clean-ability properties. Available in 2’ x 3’ only, in four vibrant colors for easy identification and cross contamination control. Colors are grey, green, blue & red. 3 year limited warranty. **Item Code: EH - - - -**

HOW TO CREATE AN ERGOMAT STANDARD PRODUCT CODE

Product Code + Single Digit Matting Size	Example: Classic 3’ x 5’ mat—ST0304 (use zero as a space)
Product Code + Double Digit Matting Size	Example: Infinity 12’ x 30’ mat—IN1230
Product Code + Custom Matting Size	Example: Hygiene 286.6 sq. ft. mat—EH-CST286.6

Anti-Fatigue Mats

Ergomat® Nitril ESD Cleanroom ISO Class 5 (100)



- **Chemical exposure will not affect the state of the mat**
- **No loss of ergonomic properties**
- **Static control**
- **Silicone and latex free**

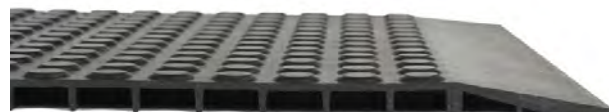
The **Ergomat Nitril ESD** is made of pure Nitril rubber and is designed as the ultimate

mat for areas requiring static dissipation. Ideal for usage in the electronics industry or for areas where static control is crucial due to sensitive equipment. Also available in a conductive version as well as in a die-cut version to allow airflow. Available in 2', 3', 4', 5', and 6' widths, any length desired. 3 year limited warranty. **Item Code: ENC - - - -**

Ergomat® Nitril Smooth ISO Class 5 (100)

- **Flat profile allows for trolley or cart traffic to easily move about the mat**
- **No loss of ergonomic properties and no tripping hazard**
- **Meets USDA/CFIA standards**
- **Silicone and latex-free**

The **Ergomat Nitril Smooth/Plano** is made of pure Nitril rubber and is designed to increase comfort while reducing tripping



hazards, body aches, quality issues, and sick leave on areas where equipment is rolled. This is the ultimate flat mat for critical environments. Color is black, 3 year limited warranty. Only size available is 2' x 3'. **Item Code ENS0203.**

Ergomat® Endurance/Industry —Wet Environments

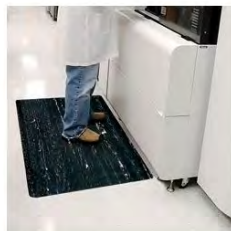


- **Chemical exposure will not affect state of mat**
- **Excellent anti-slip properties**
- **Superior drainage**

The **Ergomat Endurance/Industry** is pure Nitril rubber drainage mat designed for areas with extreme amounts of liquids (oils, water, etc.) or accumulation of materials where an ergonomic mat no longer is useful and evacuation of liquids is required. This is the ultimate mat for wet environments. Available in 2', 3', 4', 5', and 6' widths, any length desired. Limited 5 year warranty.

Item Code: EX - - - -

Wearwell UltraSoft Tile-Top AM 420 Mats



The **UltraSoft Tile-Top AM No. 420** is Anti-Microbial (AM) top to bottom. The AM Nitril rubber composite sponge offers maximum comfort and resilience while the AM surface delivers additional abrasion and chemical resistance. Available in black (BK), gray (GY), Charcoal (CH), Blue (BL), Brown (BN), Tan (TN), White (WH) and Sandalwood (SA).

Item#	Description
420.12x2x3	2' x 3' Tile-Top 420—1/2"
420.12x3x5	3' x 5' Tile-Top 420—1/2"
420.12x3x10	3' x 10' Tile-Top 420—1/2"
420.12x2x60	2' x 60' Tile-Top 420—1/2"
420.12x3x60	3' x 60' Tile Top 420—1/2"
420.12x4x60	4' x 60' Tile Top 420—1/2"

Anti-Fatigue Mats

Ortho Mat

Features

- Works well in all areas: great in wet or oily applications. Smooth top closed cell feature eliminates absorption of liquids and fluids.
- Very user friendly, light weight, easy to clean
- National Floor Safety Institute approved, non-slip quality tested 40% higher than any other sponge mat
- Non allergenic, latex and silicone free
- Ortho Mats are complete with safety bevel, all service carts roll over our mats with ease

Benefits

- Promotes employee wellness
- Immediate increase in productivity and employee morale due to work place comfort
- Reduction of exposure to prolonged cold, heat, and vibration
- Reduces spinal compression
- Increases circulation
- Ergonomically designed guaranteed reduction of back, leg and foot and ankle fatigue

The human resource manager's solution to slips and falls. Reduction of strains, pains and worker's compensation claims related to prolonged standing. The softest most comfortable mat on the planet. Ortho Mat is impervious to acids, chemicals and petroleum products. It is fabricated from superior closed cell virgin nitrile rubber with an antimicrobial compound added as part of the manufacturing process to prevent mold, mildew and bacterial growth.



Cleaning: Very lightweight, easy to lift and clean. Can be cleaned with ammonia, bleach, chlorine or acid based cleaners. Ok to steam clean. Maximum temperature of 250 degrees. For disinfectant cleaning follow your normal protocol.

Colors are black or gray. 3" safety strip is available, this is a bonded yellow material.

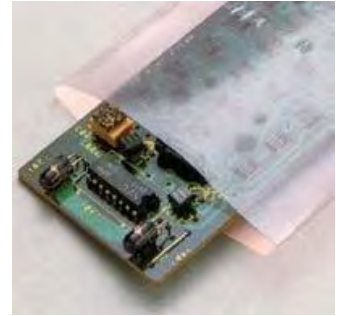
Warranty: It is guaranteed against defects in materials and workmanship for two years including premature wear. Life Expectancy 3-8 years.



Item	Description	Color
PTMA 202434	20" x 24" x 3/4"	Black or Gray
PTMA 203334	20" x 33" x 3/4"	Black or Gray
PTMA 243634	24" x 36" x 3/4"	Black or Gray
PTMA 244234	24" x 42" x 3/4"	Black or Gray
PTMA 303634	30" x 36" x 3/4"	Black or Gray
PTMA 224834	22" x 48" x 3/4"	Black or Gray
PTMA 363634	36" x 36" x 3/4"	Black or Gray
PTMA 364234	36" x 42" x 3/4"	Black or Gray
PTMA 227234	22" x 72" x 3/4"	Black or Gray
PTMA 404834	40" x 48" x 3/4"	Black or Gray
PTMA 366034	36" x 60" x 3/4"	Black or Gray
PTMA 427234	42" x 72" x 3/4"	Black or Gray
Kneeling Pad	14" x 21" x 3/4"	Black or Gray

Packaging Products

We carry a wide assortment of bags for your cleanroom packaging needs. Please also visit Static Control for a complete list of our Static Control Packaging Bags.



Bags & Tubing

Cleanroom Film & Bag Company	V-2-3
NCI Bags	V-4

Cleanroom Tape

Micronova® CR Tape Ordering Guide	V-5
Micronova® EGV Ind. Grade Vinyl	V-6
Micronova® EGP Ind. Grade Poly.	V-6
Micronova® EZT Const. Tape	V-6
Micronova® CR100PC Vinyl Tape	V-6
Micronova® PCX Polyethylene Tape	V-6
Micronova® Conductive Grid Tape	V-7
Micronova® NovaStat™ Tape	V-7

Dispensers, Tape

Micronova® Tape Dispensers	V-7
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Heat Sealers

Magneta Electric Impulse Sealer	V-8
Sealmaster Impulse Heat Sealer	V-8
Sealmaster Magneta Heat Sealer	V-9
Hand Op. Table Top Impulse Sealers	V-9
Foot Pedal Operated Impulse Sealers	V-10
Table Top Automatic Sealers	V-10

Cleanroom Bags & Tubing

Cleanroom Film & Bags Company, Class 100

Cleanroom Film and Bag Company features a wide variety of custom bags and films that can be tailored to meet your specific needs. All orders are custom. Listed below are some of their capabilities and information about their company.

History - After 35 years in the parts cleaning business, a specially designed Class 100 cleanroom for 100% VERTICAL INTEGRATION of polyethylene extrusion and conversion was built. This, coupled with specially formulated resins, has allowed Cleanroom Film & Bags to achieve the superior quality packaging required in the microelectronic, aircraft semiconductor, silicon and medical fields..

In 2003 Cleanroom Film & Bags purchased the capital assets of CLEANFILM, INC., a New York based company, moved and installed the CLASS 10 cleanroom and equipment in their present facility. This addition offered them the ability to provide the packaging requirements for nylon, aclar, static shield, foils and other specialty materials.

Materials - In cooperation with our resin suppliers, they have developed a special blend of Barefoot materials that allows the finished product to open easily without the addition of any anti-block. This not only allows the product to open easily, but also creates a non-scratching material that will not mar or leave any residue on critical finished products.

Due to the variety of materials used and the research done for cleanroom materials with the cooperation of resin manufacturers, *Cleanroom Film and Bags* can custom design a material or develop a custom blend of materials to fit your specific application.

Materials

CFB1000 PURE BAREFOOT LOW DENSITY POLYETHYLENE A strong general use clean packaging film specifically designed for use in clean applications. While it has a good cleanliness level, it can be slightly difficult to open. This is one of the more cost effective cleanroom packaging films available, while still providing a good level of cleanliness, strength and ease of sealing.

CFB2000 PREMIUM BAREFOOT LOW DENSITY POLYETHYLENE This product is used primarily as a base resin for our premium quality blends. It maintains good clarity, a medium impact strength and good processability

CFB2500 ULO® ULTRA LOW OUTGASSING POLY FILM This product was engineered specifically for critical products that require packaging in a film that combines low ionic

Process - All cleanroom poly film and bags are manufactured totally within a controlled cleanroom environment in order to maintain a superior level of cleanliness. The process takes raw materials from the virgin raw state to a finished, vacuum sealed product without leaving the cleanroom environment.

Capabilities - Cleanroom Packaging, both roll-stock and finished bags, can be supplied in widths ranging from 2" to 64" lay flat (gussetting may be required). Bag lengths are available from 2" long to any required length. Roll-Stock is supplied in 500 foot lengths, unless otherwise specified or requested.

Cleanliness - The specially designed manufacturing process allows Cleanroom Film and Bags to provide products meeting or exceeding the requirements of Cleanliness Level 100 and with Specially Blended materials to achieve Cleanliness Level 10 per IEST-STD-CC1246D

Certifications - Cleanroom Film and Bags is both ISO 9000 Compliant and AS9000 Certified.

Commitment - It is the commitment of the Cleanroom Film and Bags Management and Staff that "We will provide you with the highest Quality Products and Service necessary to meet your Critical Cleanroom Packaging needs."

contamination and ultra low outgassing. ULO® Poly packaging film has excellent handling characteristics and an extremely clean surface. With a higher gas barrier than standard low-density poly, ULO® Poly is an excellent choice for vacuum packaging applications.

CFB3000 MEDIUM DENSITY POLYETHYLENE Specifically designed for use in applications where cleanliness levels exceeding IEST-CC-STD 1246D level 100 are necessary. It contains no additives such as slip, anti-block or antioxidants and exhibits excellent characteristics in the areas of Ionic Contamination, Outgassing, Non-Volatile Residue and Cleanliness.



Cleanroom Bags & Tubing

Materials - Cleanroom Film & Bags Company (cont'd), Class 100

CFB4000 HIGH DENSITY POLYETHYLENE Used for vacuum packaging applications that require superior cleanliness levels due to the intimate contact of contamination sensitive components. Having a cloudy appearance, this material exhibits superior strength, greater puncture resistance, low non-volatile residue, low outgassing and ease of opening.

CFB5000 NYLON FILM CLEAR or ANTI-STAT A product that can be cleaned to the most stringent specifications, due to its hard surface. It is a strong, abrasion resistant film that is used in a variety of clean applications. Nylon is an unplasticized, FDA approved food grade clear film that offers the lowest levels of particulate counts of any clean film. Additionally, it is very low in ionic contamination and non-volatile residue.

CFB5500 BIAXIALY ORIENTED NYLON/POLYETHYLENE (COMPOS-A-CLEAN™) A dual layer high clarity film designed to provide protection for those products having a high degree of sensitivity to moisture. Having an extended shelf life, a very low Moisture Vapor Transmission Rate as well as an equally low Oxygen Transmission Rate, CFB5500 will meet all of your critical packaging needs. 5 Mill Biax is a very strong and clear material designed for tough applications. It is typically specified for large bags that must carry a heavy load. The film does not stretch due to the orientation of the layers during the laminating process.

CFB6000 METALLIZED POLYESTER/ANTISTATIC POLY Cleanroom Static Shielding Film - A transparent, electrostatic-protective, buried metal, heat sealable, flexible structure offering excellent electrostatic shielding properties and abrasion resistance.

CFB6000-ULO® CLEANSIELD™ ULTRA LOW OUTGASSING STATIC SHIELDING FILM This Metallized Static Shielding Film was developed for disk drive and semiconductor packaging applications that require exceptional Chemical Cleanliness and ESD Shielding. The advanced technology of the CFB6000-ULO film provides a clean, low contaminating package with reduced levels of ionic burden, non-volatile residue and outgassing. The advanced material technology of our film provides ESD protection, and improved chemical cleanliness. Layers of metal and plastic provide Static Shielding and ESD Protection for sensitive items.

CFB6300 CLEANFOIL PLUS FOIL MOISTURE BARRIER FILM. CLEANFOIL was developed for disk drive and semiconductor packaging applications that require exceptional Chemical Cleanliness, ESD Shielding and Moisture Protection. The advanced technology of the CFB6300 material provides a clean, low-contaminating package with reduced levels of ionic burden, non-volatile residue and outgassing. Cleanfoil also meets the requirements of IPC/JEDEC J-STD-033 for the dry packaging of electronic devices.

CFB6400 CLEANFOIL NON ESD MOISTURE BARRIER FILM.

This sliver moisture barrier film is a cost effective foil barrier material used where very low oxygen and moisture levels are required. It is FDA approved and has a shiny silver appearance. It is used extensively in food, medical and general industry.

CFB7000 ACLAR® FLUOROCARBON FILMS Aclar® is a copolymer film consisting primarily of chlorotrifluoroethylene. It has excellent moisture barrier and chemical resistance as well as low oxygen permeability. It is ideal for packaging all types of corrosion sensitive military and industrial electronic parts. Aclar® is also recommended for use in oxygen rich environments or for packaging products used in liquid oxygen or hypergolic systems as it meets the NASA LOX Impact compatibility requirements under MSFC106A, and the flammability requirements of MIL B22191 Type I and MIL B131 Type II.

CFB7500 - CLEANED EVA FILM This FDA approved film is strong and clear. It is designed primarily for demanding vacuum applications commonly found in food and industrial markets that require excellent OTR. Its nylon and EVOH layers exhibit low OTR which enables the film to hold a tight vacuum. The film's extensibility (ability to stretch) allows it to conform to unique product geometry. Common applications include: cheese, meat, fish, nuts, dried fruit, jerky, snack products, or anything that requires a vacuum and long shelf life due to the reduction of oxygen exposure.

CFB8020+™ PREMIER CUSTOM BLEND POLYETHYLENE This product is specially designed for packaging applications that require extremely low outgassing, exceptional cleanliness and **non-mar, non-scratch** characteristics.

CFB9010 CUSTOM BLEND RESIN POLYETHYLENE Designed for use in applications where cleanliness levels meeting or exceeding IEST-CC-STD 1246D level 100 are necessary. This Custom Barefoot Polyethylene contains no additives such as slip, anti-block or antioxidants and exhibits excellent characteristics in the areas of Ionic Contamination, Outgassing, Non-Volatile Residue and Cleanliness. It does not exhibit the typical characteristics of Low Density Barefoot material such as difficulty in opening, it does have a lesser degree of clarity.

CFB9604 ANTI-STATIC CLEANROOM FILM "Pink Poly" This product is manufactured from our CFB9010 resin, except with the permanent anti-stat properties as required. This in house extrusion process and control of 100% virgin resins makes this anti-static film an excellent choice for your Cleanroom packaging.

CT100 CLEANTUFF® FILM A specially designed resin for added strength over standard cleanroom packaging CT100 also displays the characteristics of our CFBUC8020+ for a **non-mar, non-scratch** material.

Bags

Flexible Barrier Packaging

NCI has Flexible Barrier Packaging featuring Anti-Static Pouches, Moisture Barrier Products, ESD Bags, Rollstock, Film and Tubing among our product line. This Flexible Packaging will safeguard your products from harmful static charges, we have a variety of electrostatic shielding materials with specific anti-static, conductivity, moisture vapor, oxygen and puncture properties. These items lend themselves to Electronics and Military applications.

**Over 50 Barrier Films on the shelf,
Custom Pouches in 7 working days.**

- **Pouches** (name your size & quantity)
- **Rollstock** (custom width & length)
- **Tubing** (custom width & length)

Military & Industrial MIL - SPEC

NCI also has Military and Industrial Barrier Pouches, Printed Pouches, Vacuum Bags and Static Control Flexible Barrier Packaging for the Military and Industrial market. Our source has over 18 years of experience in packaging military products.

16 Military Spec Films on the Shelf:

- **MIL 121, 131, 22191, & 81705**
- **Rollstock** (custom width & length)
- **Pouches** (name your size & quantity)
- **Handmade department for small runs**
- **Surface Printing**
- **Certification of Conformance**

Retail & B2B Industrial

NCI offers protection from Moisture Vapor, Oxygen, UV, static, and/or abrasion. Barrier Pouches, Printed Pouches, Vacuum Bags, Zipper Bags, & Stand-Up Pouches and all available. We have the knowledge, materials and machinery to design and manufacture solutions.

**Stock bags and roll stock available in 24 hours,
Custom Pouches in 7 working days.**

- **Over 50 materials on the shelf**
- **Variety of custom features, Zipper, Tear Notch, & Hang Hole**
- **Surface Printing (small runs)**
- **Reverse-Trapped Flexo Process**
- **10 color Rotogravure printing**

- **Hand Made** department for small runs and unique shapes
- **Surface Printing and Hot Stamp**

Anti-Static Materials on the Shelf:

- **A.S. Metal-In PET**
- **A.S. Clear PET/Poly**
- **A.S. Metalized PET, 3.6 mil, 4.4 mil, & 7 mil**
- **A.S. Nylon/ Foil/ Poly**
- **A.S. Tyvek/ Foil/ Poly**
- **MIL PRF 81705 T1**

Mil-Spec Materials on the Shelf

- **Poly Kraft Type 1 & 2**
- **Creped Kraft (PK22C)**
- **Foil Kraft (MS1312)**
- **Film, Foil, Poly (FR21175)**
- **Nylon, Foil, Poly (MS360)**
- **Tyvek, Foil, Poly, MS585)**
- **Scrim, Foil, Poly (MS1311)**
- **Polyester, Poly (FR5500)**
- **22191 Type 1 (FP1193)**
- **Static Control (FR2194)**

Barrier materials on the Shelf

- **Foil Laminates**
- **Metalized Laminates**
- **Clear Laminates**
- **Nylon/ Poly COEX**
- **Mil Spec Material**
- **Static Control Materials**
- **Nylon/ Poly/ BIAx**
- **Polyester/ Poly**
- **Paper/ Foil/ Poly**
- **Tyvek/ Foil/ Poly**

Cleanroom Tape

Micronova® Cleanroom Tape

Cleanroom Tapes

Ordering Tape in Three Easy Steps

Micronova stocks over 300 different types, colors and widths of cleanroom tape to ensure we meet your specific needs.

Follow the three steps shown in the example below and use the codes shown on the right when placing your order.


Still have questions? Just give us a call!

Example: **CR100PC-1WH**

CR100PC	-1	WH
Type of Tape (CR100PC)	Width of Tape (1")	Color of Tape (White)

Look for the "F" Symbol for Food Processing Applications

The low-outgassing combination of polyethylene and acrylic make the PCX and EGP tapes the perfect choice for food grade processing.



Metric Conversion Chart for Tape Sizes

Fractional Size	Decimal Size	Metric Size
1/4"	.25"	6.35 mm
3/8"	.375"	9.525 mm
1/2"	.50"	12.70 mm
3/4"	.75"	19.05 mm
1"	1.0"	25.40 mm
1-1/2"	1.50"	38.10 mm
2"	2.0"	50.08 mm
3"	3.0"	76.20 mm
4"	4.0"	101.60 mm
36 yards		32.9184 Meters

Vinyl Tape Ordering Codes

All Vinyl Tapes are available in these widths and colors:

Vinyl Tape Width Codes	Vinyl Tape Color Codes
1/4" = 14	● Black = BL
3/8" = 38	● Gray = GR
1/2" = 12	● Brown = BR
3/4" = 34	● Red = RE
1" = 1	● Orange = OR
1-1/2" = 15	● Yellow = YE
2" = 2	○ White = WH
3" = 3	● Purple = PU
4" = 4	● Dark Blue = DB
	● Light Blue = LB
	● Dark Green = DG
	● Light Green = LG
	○ Transparent = TR

Custom sizes available upon request.

Polyethylene Tape Ordering Codes

All Polyethylene Tapes are available in these widths and colors:

Vinyl Tape Width Codes	Polyethylene Tape Color Codes
3/4" = 34	● Black = BL
1" = 1	● Red = RE
1-1/2" = 15	● Orange = OR
2" = 2	● Yellow = YE
3" = 3	○ White = WH
4" = 4	● Dark Blue = DB
	● Dark Green = DG
	○ Transparent = TR

Custom sizes available upon request.

Cleanroom Tapes

Micronova® Cleanroom Vinyl Tapes

EGV™ Industrial Grade Vinyl Tape

A vinyl tape for cleanroom support applications. Processed in a controlled environment, tapes are wound on a plastic core and sleeve bagged. Complies with federal Specification PPP-T-66E and CID A-A 1689A.

- Light Industrial Use
- Clean Construction
- Cleanroom Support
- Forms a strong bond without leaving adhesive residue
- Can be written on with cleanroom pen
- Available in nine colors, plus black, white and transparent
- Available in a variety of widths
- Roll Length: 36 Yards

Example Part Number - 1" White Tape: EGV-1WH

EGP™ Industrial Grade Polyethylene Tape



A polyethylene tape for applications where ultra-clean tape is not required. The polyethylene backing with acrylic adhesive has low outgassing and good clean-peel properties. Processed in a controlled environment, EGP tapes are wound on a plastic core and sleeve bagged.

- Cleanroom Support Areas
- Maintenance
- Clean Build Projects
- Available in eight vibrant colors
- Available in a variety of widths
- Roll Length: 36 Yards

Example Part Number - 1" White Tape: EGP-1WH

EZT™ Construction Tape

EZT Construction Tape is a high tack polyethylene tape with a rubber adhesive. The unique serrated edge allows an easy tear at any length when blades and dispensers are not available.

- Clean Construction
- Easily bonds different mediums
- Serrated edge for easy tear
- Aggressive adhesive
- Available in 1" and 2" widths
- Roll Length: 36 Yards
- White Only

1" Part Number EZT-1WH

2" Part Number: EZT-2WH

CR100PC™ Vinyl Tape

The CR100PC Cleanroom Tape is a vinyl tape specially processed for applications in and around the cleanroom. The synthetic rubber adhesive ensures a clean peel from most cleanroom surfaces such as polyethylene, plastics and stainless steel. CR100PC is processed and packaged in a cleanroom. Complies with Federal Specification PPP-T-66E and CID A-A 1689A

- Comfortable - ideal for sealing curved and irregular surfaces
- Matte finish can be written on with cleanroom pen
- Aisle Marking, Labeling, Color Coding
- Clean Packaging
- Available in nine colors, plus black, white and transparent
- Available in a variety of widths.
- Roll Length: 36 Yards

Example Part Number - 1" White Tape: CR100PC-1WH

Also available double bagged, Part Number CRV

Example Part Number - 1" White Tape: CRV-1WH

PCX™ Polyethylene Tape



The PCX Tape is low density polyethylene tape low in halogens and leachable chlorides. PCX is processed and packaged in a cleanroom, The polyethylene film and acrylic adhesive lessen the chance of outgassing. PCX offers excellent chemical resistance and good conformability. Works well with polycarbonates, glass and acrylics.

- Color Coding
- Sealing
- Wafer Box Sealing
- Labeling
- Wafer Box Sealing
- Over Labeling (protect paper labels in water baths)
- Available in eight vibrant colors
- Available in a variety of widths
- Roll Length: 36 Yards

Example Part Number - 1" White Tape: PCX-1WH

Also available double-bagged. Part Number: CRP

Example Part Number - 1" White Tape: CRP-1WH

Cleanroom Tape

Micronova® Anti-Static Tape



CGT™ Conductive Grid Tape

CGT Conductive Grid Tape is a special polypropylene tape layered with a non-sparking, anti-static surface on the inside and outside of the tape. The conductive grids are embedded between two anti-static layers.

- ESD sensitive environments
- Static shield
- Sealing
- Packaging
- Prevents static build up
- Available in 3/8", 1/2", 3/4", 1", 1-1/2", 2" and 6" widths
- Roll Length: 36 Yards
- Clear with Grid Pattern

Example 1" Part Number: CGT-1

NovaStat™ Anti-Static Tape

NovaStat Tape is a transparent tape specially designed for use in ESD-sensitive environments.



- ESD sensitive environments
- Sealing
- Packaging
- Will not create a static charge
- Available in 1/2", 3/4", 1", and 2" widths on 3" plastic core
- Roll Length: 72 Yards
- Clear only

Example 1" Part Number: ASTPC-172

Also available 3/4" width x 36 Yards on 1" plastic core
Part Number: ASTPC-3436

Tape Dispensers

Micronova® Tape Dispensers

Micronova® Tape Dispensers are designed for use with Micronova tapes. It holds 3" core tapes. Available with or without weighted base. These combination coated steel and plastic dispensers are available in two different widths. The P52 series holds up to 2" tape in width a combination of two 1" rolls or one 1" and two 1/2" rolls and so on. The P56 series has the capacity to hold a combination of tape widths up to 6". Both P52 and P56 are available with weighted bases.



Item#	Description
MN-P-52	2" Capacity Tape Dispenser
MN-P-52W	2" Capacity Tape Dispenser and weighted base
MN-P-56	6" Capacity Tape Dispenser
MN-P-56W	6" Capacity Tape Dispenser and weighted base

Sealers

Magneta Electric Impulse Sealer



The Magneta Series sealers are rugged, reliable machines that provide high quality seals time after time. The Magneta is equipped with a magnetic hold down device that ensures strong consistent seals independently from the operator. The easy action of the electric foot switch virtually eliminates operator fatigue.

The Magneta seals two layers of polyethylene film up to 8 mil thickness each. It also seals some thin laminations and foils.

Two Magneta electric models are available with seal lengths that meet most requirements. For longer seal lengths, ask about air operator PI Series, where lengths up to 60" are available.

Standard Features:

- Cutter system
- Electric foot switch actuation
- Timers

Options:

- Tubular steel stand
- Adjustable work shelf
- Bag support
- Roller set for Roll Stock

Technical Information:

Models	421MGM	621MGM
Seal Length	16½"	24½"
Width	1/8"	1/8"
Power (Watts)	480	625
Shipping wt. (lbs.)	35	50
Options	twin seals	twin seals

Item#	Description
421MGM	Magneta Electric Impulse Sealer, 16.5" Seal
621MGM	Magneta Electric Impulse Sealer, 24.5" Seal

Sealmaster Impulse Heat Sealer

The **Sealmaster** with its standard seal timer, foot pedal and cutter, provides high quality seals time after time. The machine is loaded with options so it can be converted into a floor standing model with a workshelf.

Options:

- Twin seal
- Code seal
- Stand
- Workshelf
- Bag Support
- Rollstock holder
- Poly Lock - simplifies the use of poly tubing rolls to make bags of any length

Technical Information:

Seal Length: 12" (300-SA)
 16 ½" (421-SA)
 24 ½" (620-SA)
 Seal Width: 1/8"
 Maximum film thickness (PE): 2 x 8 mil



Item#	Description
300-SA	Sealmaster Impulse Heat Sealer, 12" Seal
421-SA	Sealmaster Impulse Heat Sealer, 16.5" Seal
620-SA	Sealmaster Impulse Heat Sealer, 24.5" Seal

Sealers

Sealmaster Magneta Impulse Heat Sealer

The **Sealmaster Magneta** is a rugged, reliable bag sealer that provides high quality seals time after time. It can be operated by hand or with an optional foot pedal. The Magneta is equipped with a magnetic hold down device which ensures consistent seals independently of the operator.

Features:

- Independent Seal and Cool Timers
- Seal Lengths: 12" to 40 1/2"
- Standard Cutter

Options Include:

- Mechanical foot pedal
- Twin seals and code seals up to 24 1/2"
- Stand
- Workshelf
- Bag support
- Rollstock holder

Specifications:

Seal Lengths: 12", 16 1/2", 24 1/2",
32 1/4", 40 1/4"
Seal Width: 1/8"
Maximum film thickness 2x8 mil



Hand-Operated Table Top Impulse Sealers with Cutter

These sealers with build-in cutter are ideal for use with tubing. In effect, the user can "make their own" bag of any length. Simply insert the item into the open end of the tubing roll, seal the end, seal the tubing above the product and slide the cutter once. The cutter cuts 1/4" above the seal, separating the formed bag from the tubing, leaving the tubing open for insertion of the next product.

Many users utilize these sealers on regular bags as well. The cutter provides a neat, consistent margin 1/4" above the seal.

MP-8C

Seal Length: 8"
Seal Width: 1/16"
Impulse Power: 260
Max. Material: 6 mil
Shipping wt. 11 lb.



MP-12C

Seal Length: 12"
Seal Width: 1/16"
Impulse Power: 380
Max. Material: 6 mil
Shipping wt. 12 lb.



MP-16C

Seal Length: 16"
Seal Width: 2.5mm
Impulse Power: 500
Max. Material: 7 mil
Shipping wt. 14 lb.



MP-20C

Seal Length: 20"
Seal Width: 2.5mm
Impulse Power: 620
Max. Material: 7 mil
Shipping wt. 18 lb.



Item#	Description
MP-8C	Hand Operated Impulse Sealer, 8" Seal
MP-12C	Hand Operated Impulse Sealer, 12" Seal
MP-16C	Hand Operated Impulse Sealer, 16" Seal
MP-20C	Hand Operated Impulse Sealer, 20" Seal

Sealers

Foot Pedal Operated Impulse Sealers

Foot pedal sealers leave both hands free to handle product and bag. Offering high production and ease of operation.

Item#	Description
MP-12F	Foot Pedal Impulse Sealer, 12"
MP-18F	Foot Pedal Impulse Sealer, 18"
MP-24F	Foot Pedal Impulse Sealer, 24"

MP-12F
 Seal Length: 12"
 Seal Width: 9/64"
 Impulse Power: 400
 Max. Material: 7 mil
 Whipping wt.: 46 lb.



MP-18F
 Seal Length: 18"
 Seal Width: 9/64"
 Impulse Power: 600
 Max. Material: 7 mil
 Whipping wt.: 48 lb.



MP-24F
 Seal Length: 24"
 Seal Width: 9/64"
 Impulse Power: 800
 Max. Material: 7 mil
 Whipping wt.: 51 lb.



Table Top Automatic Sealers

These table-top sealers have 3 control dials which allow independent control of seal time, congeal time, and cycle interval. Switch selectable for full automatic or semi-automatic using foot pedal switch.

Item#	Description
MP-12A	Automatic Sealer, 12"
MP-18A	Automatic Sealer, 18"
MP-24A	Automatic Sealer, 24"

MP-12A
 Seal Length: 12"
 Seal Width: 3mm
 Impulse Power: 400W
 Max. Material: 8 mil
 Whipping wt.: 47 lb.



MP-18A
 Seal Length: 18"
 Seal Width: 3mm
 Impulse Power: 600W
 Max. Material: 8 mil
 Whipping wt.: 56 lb.



MP-24A
 Seal Length: 24"
 Seal Width: 3mm
 Impulse Power: 800W
 Max. Material: 8 mil
 Whipping wt.: 63 lb.



Documentation



NCI provides cleanrooms with paper that will reduce the risk of contamination and increased product yield. It is impregnated and coated with special polymer formulation that inhibits particle generation and chemical extractables.

Cleanroom Copy Machine Paper: It is dimensionally stable and compatible in both wet and dry copy systems

Cleanroom Computer Print-Out Paper: is heat resistant and designed to provide sharp, clear print-outs using all kinds of inks in standard type and high speed laser printers. The cleanroom computer paper is tinted green for easy differentiation from non-clean room paper.

Cleanroom Notebooks: Each NCI cleanroom notebook is spirally bound and protected with durable plastic covers.

Cleanroom Gummed Notepads: Our cleanroom notepads are college ruled on one side for general note taking.

Cleanroom Post-It Notepads: Our cleanroom sticky note pads come in a variety of sizes for small note needs.

NCI also has cleanroom pens, clipboards, binders and labels available to meet your cleanroom documentation needs.

Many of the products listed in this section can be used to achieve compliance of USP 797.

Cleanroom Binders

Polyethylene Binders	W-2
Static Dissipative Binders	W-2-3

Cleanroom Clipboards

Polypropylene Clipboard	W-3
Acrylic Clipboard	W-3

Cleanroom Adhesive Notes	W-3
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Cleanroom Notebooks

CR College Rule Spiral Notebook	W-4
CR Spiral Bound Notebook	W-4

Cleanroom Paper

Lymwrite CR Copy Paper	W-6
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Cleanroom Pens

Masters™ Critical Print Pen	W-5
Micronova® Irradiated CR Pens	W-5
Sharpie® Irradiated Markers	W-5

Cleanroom Binders

Polyethylene Binders

High quality polyethylene is a light weight yet extremely durable material. Polyethylene ring binders will resist grease, scuff marks and is not affected by high or low temperatures.

- Choice of ten standard colors, four gauges, and almost unlimited ink colors for your custom imprinted loose leaf product.
- Low prices make poly ring binders an economical alternative when a rigid cover is not required.

Options for Poly Binders:

- Business Card Holder, 3 sided seal
- D-Rings or Angie D-Rings
- Finger Hole in Spine
- Label Holder on Spine, 3-Sided Seal
- Mounting Rings on Back Cover
- Pocket, One Horizontal Pocket
- Sheet Lifters
- Special Metals

Other gauges available in some colors, contact NCI for more information.



Colors Available:

- White
- Royal Blue
- Azure Blue
- Forest Green
- Ivory
- Light Gray
- Yellow
- Black
- Red
- Maroon

Item#	Description
PE1-335W	1 Inch 3 Ring Binder .035 gauge
PE2-355W	2 Inch 3 Ring Binder .055 gauge
PE3-355W	3 Inch 3 Ring Binder .055 gauge

Static Dissipative Binders

Static Dissipative Binders in a variety of colors are available made with ESD safe vinyl. All three ring binders are made for standard 8.5" x 11" paper, and are marked with an ESD symbol.

Item #	Description
B7405	1/2" Three Ring Static Dissip. Binder
B7401	1" Three Ring Static Dissip. Binder
B7415	1.5" Three Ring Static Dissip. Binder
B7402	2" Three Ring Static Dissip. Binder
B7403	3" Three Ring Static Dissip. Binder

Features

- Low Tribocharging
- ESD Safe Vinyl
- 3 ring for std. 8.5" x 11" paper
- ESD Symbol
- Standard color is light blue
- Other colors available with an order of 100 pieces or more.
- Available in 1/2" through 3" sizes



Cleanroom Binders

Static Dissipative Binders

These static dissipative binders are made of 0.75 gauge, high density white polyethylene and feature clear poly pockets on the front and spine.

Binders designed for 8.5" x 11" sheets. Binders with either plastic and white painted angle-D rings available.

Sold by the case.

Item #	Description	Ring
700-8574	1" Three Ring Static Dissip. Binder	Plastic
700-8950	1. Three Ring Static Dissip. Binder	Angle-D
700-8586	1.5" Three Ring Static Dissip. Binder	Angle-D
700-8587	2" Three Ring Static Dissip. Binder	Angle-D
700-8588	3" Three Ring Static Dissip. Binder	Angle-D
700-8589	4" Three Ring Static Dissip. Binder	Angle-D

Cleanroom Clipboards

Polypropylene Clipboard

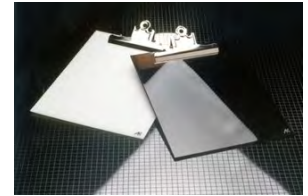
This cleanroom polypropylene clipboard by **AK Ltd** has an adjustable clip made of molded clear butyrate and acrylic, converts from single sheet to tablet use. Board made of durable 3/16" white polypropylene. Size is 9.5"W x 11.75"L



Item#	Description	Packed
AK-1211	Polypropylene Clipboard	One per package

Acrylic Clipboard

Office use acrylic clipboard by **AK, Ltd** is made of 1/8" acrylic, size is 9" x 11.875".



Item#	Description	Packed
AK-1210	Acrylic Clipboard - 9" x 11.875	Six per package

Cleanroom Adhesive Notes

Adhesive Notes

- **Removable, non-permanent adhesive**
- **Low fiber and particle generation substrates**
- **80 sheets per pad**
- **Individually Cleanroom packed**
- **Cleaned and packed in controlled Class 100 (ISO 5) Environment**

These **Adhesive Notes** have a removable adhesive leaving no residue behind. The adhesive is water based, containing no organic solvent to address environment hazardous concern. These Adhesive notes are certified for the level of eight toxic element migrates. (As, Ba, Cd, Hg, Pb, Sb, Se) under European Standard EN71-3. The notes are ultra-clean with

low particle and fiber generation. The high purity adhesive features low out-gassing with no silicone oil and Amides to address contamination concern. The paper in these notes is recyclable and environmentally friendly.

Applications: Note-taking.

Colors: White, Green, Orange, and Yellow



Item#	Description	Packed
CF-CRCN-2.4.	Adhesive Notes 2 .875" x 4.875	80 sheets/pad, 10 pads /box
CF-CRCN-33	Adhesive Notes 3" x 3"	80 sheets/pad, 10 pads /box
CF-CRCN-34	Adhesive Notes 3" x 4"	80 sheets/pad, 10 pads /box

Cleanroom Notebooks

Cleanroom College Rule Spiral Bound Notebook

These cleanroom notebooks have been made with paper that has been specially coated to minimize particulation in controlled environments. Coating seals the surface of the paper, allows for use within cleanroom guidelines. Size: 8 1/2" x 11", 100 pages. Semi-transparent Hi Density Cover, processed and double bagged in Class 100 cleanroom. Ultra low particle, extractable & metallic ion content.

Features

- **Excellent Ink absorption**
- **Polyethylene cover can be written on**
- **Sealed in poly bags for maximum cleanliness**
- **Available ESD safe**



Item#	Description	Packed
NBCR-35	College Ruled Spiral Notebook 3" x 5"	1/bag
NBCR-5585	College Ruled Spiral Notebook 5" x 8.5"	1/bag
NBCR-8511	College Ruled Spiral Notebook 8.5" x 11"	1/bag

Cleanroom Spiral Bound Notebooks

These **Spiral Bound Cleanroom Notebooks** feature antistatic covers to prevent static charge build-up. The covers of these notebooks are made of high-density polypropylene material with an impregnated antistatic property. The covers are precision cut with round edge corners and have excellent chemical resistance material.

The paper in these notebooks are durable clean image cleanroom paper printed with low-sodium inks. The notebooks are cleanroom processed and cleanroom packaged with cleanroom bags, in a controlled Class 100 (ISO 5)

environment. Compatible with most inks for writing without smearing. Low Ionic contamination, paper is recyclable and environmentally friendly.

Applications: Note-taking in critical environment; logbook.



Item#	Description	Packed
CRNB-35	Cleanroom Spiral Notebook 3" x 5"	100 pg/book, 20 books/lot
CRNB-5.8.	Cleanroom Spiral Notebook 5" x 8.5"	100 pg/book, 20 books/case
CRNB-8.11	Cleanroom Spiral Notebook 8.5" x 11"	100 pg/book, 10 books/case

Cleanroom Pens

Sharpie® Irradiated Marker

Sharpie® Irradiated Marker the industry standard marking pen. Original pen style permanent marker. Marks and is permanent on most surfaces, Fade and water resistant ink, Quick drying, non-toxic, alcohol-based ink formula. Gamma Irradiated, double bagged, 4 per package.



Item#	Description	Packed
MN-PEN-20IR	Sharpie® Irradiated Fine Point Marker	4 per package

Masters™ Critical Print Pen

This cleanroom pen is an ideal solution for your cleanroom needs. **The MaxClean pen by Masters™** is made with a high-density polypropylene barrel, regular clip design, and uses low heavy metal pen Ink.



Features

- Double poly-packed with cleanroom bags
- Clean and packaged in controlled Class 100 (ISO 5) Cleanroom Environment
- Barrel is made of high-density polypropylene
- Construction features a clip design
- Ink is low sodium, low chloride, low heavy metals and non-smearing permanent ink
- Retractable or stick pen styles available

Item#	Description	Packed
WC-750BK-R	Black Retractable Cleanroom Pen	Single Pen
WC-750BL-R	Blue Retractable Cleanroom Pen	Single Pen
WC-750BK-S	Black Cleanroom Stick Pen	Single Pen

Micronova® Irradiated Cleanroom Pens

This **Irradiated Pen by Micronova®** is a low-sodium pen designed with a special poly barrel to limit particle generation. Gamma Irradiated available in Black, Blue and Red.

Item#	Description	Packed
MN-PEN-01R	Low Sodium Ink Pen Black— Irradiated	10/pack, 10 pks/case
MN-PEN-02IR	Low Sodium Ink Pen Blue— Irradiated	10/pack, 10 pks/case
MN-PEN-03IR	Low Sodium Ink Pen Red— Irradiated	10/pack, 10 pks/case



Cleanroom Paper

Lymwrite Cleanroom Copy Paper

Lymwrite by Lymtech® has been developed to provide cleanrooms with paper that will reduce the risk of contamination and increased product yield. It is impregnated and coated with special polymer formulation that inhibits particle generation and chemical extractables.

Lymwrite is dimensionally stable and compatible in both wet and dry copy systems.



Lymtech® Cleanroom Paper, Sub 22.5 - 8.5" x 11"

Item#	Description	Packed
LT-8511-22W	Cleanroom Copy Paper - White	10 packs/case
LT-8511-22B	Cleanroom Copy Paper - Blue	10 packs/case
LT-8511-22G	Cleanroom Copy Paper - Green	10 packs/case
LT-8511-22P	Cleanroom Copy Paper - Pink	10 packs/case
LT-8511-22Y	Cleanroom Copy Paper - Yellow	10 packs/case

Lymtech® Cleanroom Paper, Sub 30 - 8.5" x 11"

Item#	Description	Packed
LT-8511-30W	Cleanroom Copy Paper - White	10 packs/case
LT-8511-30B	Cleanroom Copy Paper - Blue	10 packs/case

LymTech® Cleanroom Paper, Sub 22.5 - 11" x 17"

Item#	Description	Packed
LT-1117-22W	Cleanroom Copy Paper - White	5 packs/case
LT-1117-22B	Cleanroom Copy Paper - Blue	5 packs/case

LymTech® Cleanroom Paper, Sub 30 - 11" x 17"

Item#	Description	Packed
LT-1117-30W	Cleanroom Copy Paper - White	5 packs/case

Category	Item	Page Number	Chapter
Acrylic Desiccator Accessories	Perforated Clear Acrylic Shelves	E-3	Desiccator
	Solid Clear Acrylic Shelves	E-3	Desiccator
	Amber Acrylic Desiccator Cabinets	E-2	Desiccator
	Clear Acrylic Desiccator Cabinets	E-2-3	Desiccator
Adhesive Mats - Peel Off	Innotech Sticky Mats	U-2	Mats
Adhesive/Tacky Rollers	Adhesive/Tacky Rollers	S-32	Cleaning Supplies
Air Sampling	AirPort MD8	K-6	Instrumentation
	MD8 Airscan	K-7	Instrumentation
Air Showers	701 Air Showers	D-2	Air Showers, Fume Hoods
Air Velocity Meters	Hot Wire CFM Thermo-Anemometer	K-2	Instrumentation
Anti-Fatigue Mats	Ergomat AB Classic	U-4	Mats
	Ergomat AFS Complete Smooth	U-4	Mats
	Ergomat Endurance/Industry	U-5	Mats
	Ergomat Hygiene	U-4	Mats
	Ergomat Infinity	U-4	Mats
	Ergomat Nitril ESD	U-5	Mats
	Ergomat Nitril Smooth	U-5	Mats
	Ortho Mat	U-6	Mats
	Wearwell UltraSoft Tile-Top AM	U-5	Mats
	Aprons	Keyguard® Apron	N-4
Polyethylene Apron		N-3	Disposable Apparel
Tychem® Long Sleeve Apron		N-2	Disposable Apparel
Tychem® QC Apron, Bib Style		N-2	Disposable Apparel
Tyvek® Bib Style Apron		N-2	Disposable Apparel
Urethane/Nylon Full Length Apron		N-4	Disposable Apparel
Vinyl Apron, Bib Style		N-3	Disposable Apparel
Vinyl Coat Apron		N-3	Disposable Apparel
Vinyl Diecut Long Apron		N-3	Disposable Apparel
Vinyl PVC Apron		N-4	Disposable Apparel
Bags & Tubing	Cleanroom Film & Bag Company	V-2-3	Packaging
	NCI Bags	V-4	Packaging
Balance Enclosure	Balance Enclosure	D-10	Air Showers, Fume Hoods
	Portable Fume-Particle Extractor	D-9	Air Showers, Fume Hoods
Beard Covers	Beard Cover - Polypropylene	N-4	Disposable Apparel
	Beard Net	N-4	Disposable Apparel
Benches	Eagle® Gowning Bench w/ Undershelf	C-3	Gowning Room
	Eagle® Solid S. Steel Gowning Bench	C-2	Gowning Room
	Series 63 Cleanroom Gowning Bench	C-3	Gowning Room
Bevco Chairs	4000CR/ESD Series Chairs, Class 100	F-2	Chairs
	4000VU Series Chairs, Class 10,000	F-3	Chairs
	5000CR/ESD Series Chairs, Class 10	F-4	Chairs
	5000VU Series Chairs, Class 10,000	F-5	Chairs
	6000 Series Chairs, Class 100,000	F-6	Chairs
	7000 Series Chairs	F-7	Chairs
	7000CR/ESD Silver Series, Class 10	F-9	Chairs
	7000ESD Series Chairs	F-8	Chairs
	9000CR/ESD Series, Class 10-10,000	F-10-11	Chairs
	Bevco Chair Color Options	F-12	Chairs
How to Order Bevco Chairs	F-3	Chairs	

Category	Item	Page Number	Chapter
Binders & Clipboards	Binders-Static Dissipative	M-2, W-3	Static Control
	Clipboard-ESD Safe	M-2	Static Control
Bins	AkroBins®	I-2	Storage
	Bins - 1800 Series, AkroBins®	I-3	Storage
	Economy Bins, AkroBins®	I-3	Storage
	ESD Containers, AkroBins®	I-3	Storage
	Shelf Bins, AkroBins®	I-5	Storage
	Stak-N-Store Bins, AkroBins®	I-6	Storage
	System Bins, AkroBins®	I-4	Storage
Boot Covers	IsoClean® Clean Processed Boot Cover	N-5	Disposable Apparel
	Tyvek® Boot Covers	N-5	Disposable Apparel
	Tyvek® Non-Sterile Boot Covers	N-5	Disposable Apparel
Boots, Boot Covers	Hypalon Sole Boots with Web Straps	O-4	Launderable Apparel
	Hypalon Sole Boots with Arch Straps	O-4	Launderable Apparel
	Hypalon Sole Boots with Zipper	O-4	Launderable Apparel
Bouffant Cap	Laminated Polypropylene Cap	N-6	Disposable Apparel
	Polypropylene Bouffant Cap Large Case	N-6	Disposable Apparel
	Polypropylene Bouffant Cap	N-6	Disposable Apparel
Brooms & Brushes	Adjustable Polymer Handles	S-7	Cleaning Supplies
	Perfex 18" Broom Head	S-6	Cleaning Supplies
	Perfex 24" Broom Head	S-6	Cleaning Supplies
	Perfex HD Floor Squeegee	S-8	Cleaning Supplies
	Perfex Pad Mops	S-8	Cleaning Supplies
	Perfex Synthetic Floor Brushes	S-6	Cleaning Supplies
	Perfex TruCLEAN Pro® Flat Mops	S-7	Cleaning Supplies
	Plastic Dust Pan	S-6	Cleaning Supplies
	Sanitary Counter Brush	S-6	Cleaning Supplies
Buckets and Wringers	Buckets	S-14	Cleaning Supplies
	Cleanroom Start Up Kit	S-14	Cleaning Supplies
	Slim T Double Bucket Cart	S-15	Cleaning Supplies
	Wringers	S-15	Cleaning Supplies
Cabinets	Series 91 HEPA Filtered Cabinet	C-4	Gowning Room
	Series 91 Storage Cabinet	C-4	Gowning Room
Carts	Keur Laboratory Cabinets	I-8	Storage
	Black Polymer Utility Carts	H-30	Wire Shelving
	Stem Caster Carts	H-30	Wire Shelving
	Utility Carts - Heavy Duty	H-32	Wire Shelving
	Utility Carts - Medium Duty	H-31	Wire Shelving
Chairs	4000CR/ESD Series Chairs, Class 100	F-2	Chairs
	4000VU Series Chairs, Class 10,000	F-3	Chairs
	5000CR/ESD Series Chairs, Class 10	F-4	Chairs
	5000VU Series Chairs, Class 10,000	F-5	Chairs
	6000 Series Chairs, Class 100.000	F-6	Chairs
	7000 Series Chairs	F-7	Chairs
	7000CR/ESD Silver Series, Class 10	F-9	Chairs
	7000ESD Series Chairs	F-8	Chairs
	9000CR/ESD Series, Class 10-10,000	F-10-11	Chairs
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	4000 Series, Class 100	F-15	Chairs
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Ceiling Tiles	Ceiling Tile Gasket Seal	B-8	CR Components
	Ceiling Tile Sealant	B-8	CR Components
	Ceiling Tile Tape	B-8	CR Components
	Cleanroom Ceiling Tiles	B-6-7	CR Components
	Chemicals	Muratic Acid	S-21
	Reagent Grade Water	S-22	Cleaning Supplies
	Sodium Hypo-Chlor	S-21	Cleaning Supplies
	Steri-Peroxide	S-22	Cleaning Supplies
Clean Bench	201 Horizontal Flow Clean Bench	D-3	Air Showers,Fume Hoods
	204 Horizontal Flow Clean Bench	D-3	Air Showers,Fume Hoods
	301 Horizontal Laminar Flow Workstation	D-4	Air Showers,Fume Hoods
	412 Vertical Flow Clean Bench	D-6	Air Showers,Fume Hoods
	416 Vertical Laminar Flow Clean Benches	D-4	Air Showers,Fume Hoods
	417 Vertical Laminar Flow Clean Bench	D-6	Air Showers,Fume Hoods
	Portable Table Top Clean Bench	D-7	Air Showers,Fume Hoods
Cleaners	Cleanstat 4 ESD Floor Finish	M-2	Static Control
	Cleanstat Easy Clean Floor Cleaner	M-2	Static Control
	Rubber & Vinyl Mat Cleaner	M-2	Static Control
Cleanroom Adhesive Notes	Cleanroom Adhesive Notes	W-3	Documentation
Cleanroom Binders	Static Dissipative Binder	W-2-3	Documentation
	Polyethylene Binders	W-2	Documentation
Cleanroom Clipboards	Acrylic Clipboard	W-3	Documentation
	Polypropylene Clipboard	W-3	Documentation
Cleanroom Notebooks	CR College Rule Spiral Notebook	W-4	Documentation
	CR Spiral Bound Notebook	W-4	Documentation
Cleanroom Paper	Lymwrite CR Copy Paper	W-6	Documentation
Cleanroom Pens	Masters™ Critical Print Pen	W-5	Documentation
	Micronova® Irradiated CR Pens	W-5	Documentation
	Sharpie® Irradiated Markers	W-5	Documentation
Cleanroom Stools	Bevco Static Control ESD Stool	F-20-22	Chairs
	Bevco Cleanroom Stool	F-20-21	Chairs
	Gibo Kodama Series C-1000PL CR Stools	F-19	Chairs
	Palbalm Class Stainless Steel Stools	F-23	Chairs
	UMF Stainless Steel Stools	F-23	Chairs
Cleanroom Tape	Micronova® EGP Ind. Grade Poly.	V-6	Packaging
	Micronova® EGV Ind. Grade Vinyl	V-6	Packaging
	Micronova® EZT Const. Tape	V-6	Packaging
	Micronova® Conductive Grid Tape	V-7	Packaging
	Micronova® CR Tape Ordering Guide	V-5	Packaging
	Micronova® CR100PC Vinyl Tape	V-6	Packaging
	Micronova® NovaStat™ Tape	V-7	Packaging
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	Series 556 Vertical Flow Softwall Cleanroom	A-10	Cleanrooms
	Series 558 Modular Cleanroom	A-10	Cleanrooms
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	Green Lead Free Coil Cords	M-7	Static Control	
	Lt. Wt. Coil Cords	M-7	Static Control	
	Std. Coil Cords	M-7	Static Control	
	Talking Wall Communicator	B-8	CR Components	
Communicator	Bleed Valve	E-4	Desiccator	
	Compact Desiccator	E-5	Desiccator	
	Desiccant Bags	E-5	Desiccator	
	Desiccator Flow Meter	E-4	Desiccator	
	Humidity Indicator Cards	E-5	Desiccator	
	Mini Dehumidifier	E-4	Desiccator	
	Coveralls	IsoClean® Bunny Suit	N-9	Disposable Apparel
IsoClean® CR Coverall		N-7	Disposable Apparel	
IsoClean® Mandarin Collar Coverall		N-10	Disposable Apparel	
Keyguard® Coveralls		N-12	Disposable Apparel	
Keystone® Poly. Coverall-Lightweight		N-12	Disposable Apparel	
Keystone® Poly. Heavy Duty Coverall		N-12	Disposable Apparel	
Keystone® Tyvek® Coveralls		N-12	Disposable Apparel	
Raglan Sleeve Coveralls		O-3	Launderable Apparel	
ProClean® Coverall, Bound Neck		N-12	Disposable Apparel	
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Tyvek® Disposable Coverall		N-8	Disposable Apparel	
Tyvek® Hooded Coverall		N-8	Disposable Apparel	
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	Decon-Phene Non Sterile Cleaner	S-20	Cleaning Supplies	
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	Mega Clean Detergent	S-19	Cleaning Supplies	
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	Spray Bottles - ESD Safe	M-3	Static Control
	Standard Dispensers - ESD Safe	M-3	Static Control
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	Wash Bottles - ESD Safe	M-3	Static Control
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	Ear Plug Holder	J-2	Dispensers
	Three Compartment Ear Plug Disp.	J-2	Dispensers
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	Crews Checklite® Safety Glasses	Q-8	Safety
	Crews Klondike® Safety Glasses	Q-8	Safety
	Uvex Stealth® Goggles	Q-8	Safety
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	Large Eyeglass Dispenser	J-3	Dispensers
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	Frock Dispenser	J-7	Dispensers
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	Cleanroom Flooring	B-10	CR Components
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	C3™ Raglan Sleeve Frock	O-4	Launderable Apparel
	C3™ Set in Sleeve Frock	O-4	Launderable Apparel
	C3™ Zipper Closure Frock	O-4	Launderable Apparel
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	IsoClean® Frock,	N-15	Disposable Apparel
	Keystone® Poly. Lab Coats	N-18	Disposable Apparel
	Maxima® Duo Closure Frocks	O-6	Launderable Apparel
	Tyvek® Cleanroom Pants	N-17	Disposable Apparel
	Tyvek® Cleanroom Shirt	N-17	Disposable Apparel
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	Glove Liner Dispenser	J-5	Dispensers
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	Hand Specific/Ambi Glove Dispenser	J-5	Dispensers
	One Size Fits All Glove Dispenser	J-4	Dispensers
	Polyethylene Boxed Glove Dispenser	J-4	Dispensers
	Sterile Glove Dispenser	J-4	Dispensers
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Glove Dispensers		P-14	Gloves
Mid and High Temperature Gloves		P-9	Gloves
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	Single Hanger Bar	C-6	Gowning Room
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	Wall Mounted Gowning Racks	C-10-11	Gowning Room
	Free Standing Gowning Racks	C-6-9	Gowning Room
	With Wire Shelving Components	C-9	Gowning Room
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	Precept® Impervious Protection Gown	N-19	Disposable Apparel
	Precept® Isolation Gowns	N-19	Disposable Apparel
	Precept® Polypropylene Gown	N-19	Disposable Apparel
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Grounds	Table Mat Ground	M-7	Static Control
	Work Bench Ground	M-7	Static Control
Hairnets	Hairnets	N-19	Disposable Apparel
Hangers	Garment Bag	C-13	Gowning Room
	Hanger Receptacles	C-13	Gowning Room
	Open Hook Hangers	C-13	Gowning Room
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	Container/Apparel Bin	J-8	Dispensers
	Dispense Anything Bin	J-9	Dispensers
	Multi-Use Dispenser	J-9	Dispensers

Category	Item	Page Number	Chapter
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	Laser Trak® Detectable Earplugs	Q-9	Safety
	Leightning® Noise Block Earmuffs	Q-9	Safety
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	Hand Op. Table Top Impulse Sealers	V-9	Packaging
	Magneta Electric Impulse Sealer	V-8	Packaging
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