

CleanMax® Boot Covers

CTL903CSP

Clean Manufactured Sterile

Clean Manufactured in Silicone Free Environment

**Compatible with ISO Class 4-8 Cleanrooms and
all Controlled Environments**
IEST-RP-CC003 Category 1 Particle Cleanliness

Lakeland CleanMax® Cleanroom Apparel

Lakeland CleanMax® garments provide the comfort, quality and protection you expect, all backed by our 30+ years as a manufacturer of disposable protective apparel.

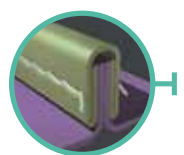
All Lakeland CleanMax® Apparel is:

- Fluid Repellent; Tested in accordance with ASTM D6978 for Chemotherapy Permeation
- Open Fold for easier donning
- Resistant to blood and body fluid penetration
- Resistant to viral penetration
- Resistant to Blood Borne Pathogens
- IEST-RP-CC003 Category I Particle Cleanliness
- Latex and Silicone Free
- Compatible with ISO Class 4 -8 Cleanrooms and all Controlled Environments
- Individually packaged and protective outer bag for ante areas



Clean Manufactured Sterile Garments and Packaging

CleanMax® Clean Manufactured Sterile garments are sterile to a sterility assurance level of 10^{-6} SAL, and are compatible with ISO Class 4-8 Cleanrooms and all Controlled Environments.



Bound Seams

CleanMax® garments feature bound seams, which are precisely sewn with an additional outer binding. This increases seam strength and provides a better barrier from particulates than simple serged seams.



Elastic Top

19" Length

Garment Case Pack: 50/case, individually packed pairs

CE 2777



EN 13034
:2005 +A1:2009
Type 6



EN 14126:2003
Type 6-B

**Thomas
Scientific**

Lakeland®

CleanMax® Physical Properties

| Physical Property | Test Method | Units | Test Results |
|---------------------------------|-------------|-------------------|----------------------------|
| Basis Weight | ASTM D3776 | oz/y ² | 1.55 oz/y ² |
| Grab Tensile MD | ASTM D5034 | lbs. | 22.0 lbs. |
| Grab Tensile XD | ASTM D5034 | lbs. | 14.0 lbs. |
| Trapezoidal Tear MD | ASTM D1117 | lbs. | 9.0 lbs. |
| Trapezoidal Tear CD | ASTM D1117 | lbs. | 5.8 lbs. |
| Ball Burst | ASTM D3787 | lbs. | 19.0 lbs. |
| Air Permeability | ASTM D737 | cfm | <0.562 cfm/ft ² |
| Water Vapor Transmission | ASTM 96-80 | g/m2-24hrs | 663.38 |
| Bacterial Filtration Efficiency | ASTM F2101 | % | 99.999% |
| Particle Filtration Efficiency | ASTM F2299 | % | 99.999% |

CleanMax® Penetration and Resistance Properties

| Physical Property | Test Method | Units | Test Results |
|--|-------------|--|---------------------------------|
| Synthetic Blood Penetration | ASTM F 1670 | Time to Penetration (> 60 minutes) | Pass |
| Viral Penetration Resistance | ASTM F 1671 | Time to Penetration (> 60 minutes) | Pass |
| Resistance to Penetration by Blood and Bodily Fluids using Synthetic Blood | ISO 16603 | Pressure in kPa | Pass –no strikethrough at 20kPa |
| Resistance to Penetration by Blood-borne Pathogens | ISO 16604 | Pressure in kPa | Pass –no strikethrough at 20kPa |
| Resistance to Permeation of Chemotherapy Drugs | ASTM D6978 | Minimum Breakthrough Time >240 minutes | Pass* |

*Tested drugs include Cisplatin, Cyclophosphamide, Cyclosporin A, Doxorubicin Hydrochloride, Etoposide (Toposar), Flouxouracil, Methotrexate, Mitomycin C, Paclitaxel

CE Testing

CleanMax® Physical Properties – CE Test Data

| Physical Property | Test Method | CE Class |
|--------------------------|-------------------|----------|
| Abrasion Resistance | EN 530 method 2 | Class 2 |
| Flex Cracking | ISO 7854 method B | Class 4 |
| Trapezoidal Tear (MD/CD) | ISO 9073-4 | 3 / 2 |
| Tensile Strength (MD/CD) | ISO 13934-1 | 2 / 1 |
| Puncture Resistance | EN 863 | Class 1 |
| Seam Strength | ISO 13935-2 | 3 |

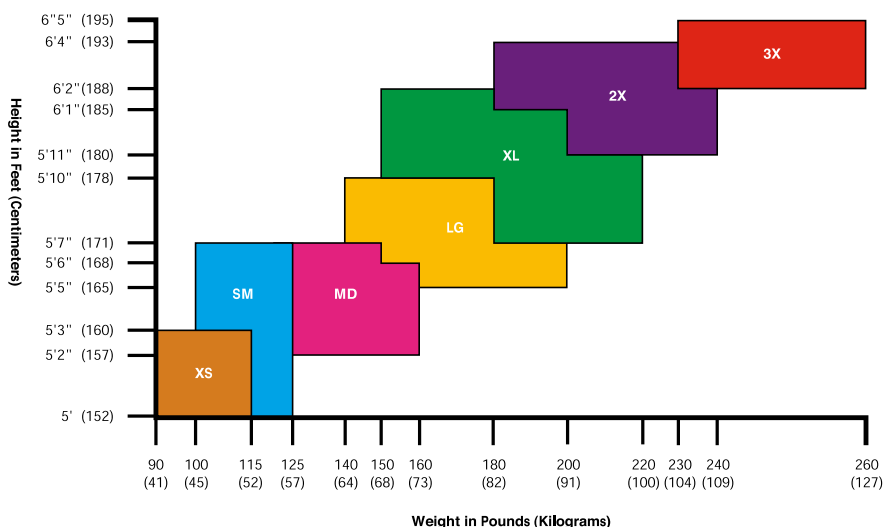
CleanMax® Resistance to Penetration by Infectious Agents – CE Test Data

| Physical Property | Test Method | CE Class |
|--|------------------------------|--------------|
| Resistance to penetration by blood Borne Pathogens | ISO 16604 | Class 6 of 6 |
| Resistance to Biologically Contaminated Aerosols | ISO 22611 | Class 3 of 3 |
| Resistance to Dry Microbial Contact | ISO 22612 | Class 3 of 3 |
| Resistance to Wet Bacterial Penetration | EN 14126 Annex A / ISO 22610 | Class 6 of 6 |

CE 2777



Recommended Sizing Chart for Limited Use and Disposable Coveralls



Warning: Cleanroom apparel should not be used around heat, flames, sparks or in potentially flammable or explosive environments.

Cleanroom fabrics should have slip-resistant materials on the outer sole of boots, shoe covers, or other garment surfaces in conditions where slipping could occur.

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