



GLASSWARE BY THOMAS SCIENTIFIC



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GLASSWARE BY THOMAS SCIENTIFIC

High-quality, durable borosilicate glassware ideal for any laboratory and priced to leave room in your budget

High-Purity Glass



- Manufactured from low-expansion Type 1, Class A borosilicate 3.3 glass that complies with ASTM E438 Standard Specification for Glasses in Laboratory Apparatus.
- Low alkali content, virtually free of magnesia-lime-zinc group, and contains only traces of heavy metals.

Mechanically & Thermally Durable



- Low coefficient of thermal expansion, can withstand high temperature gradients and thermal shocks up to a 500°C strain point
- Annealed in modern ovens under strictly controlled conditions to ensure minimal residual stress.
- State-of-the-art thickness testers ensure glass thickness consistency exceeds ASTM/DIN/ISO standards for quality and accuracy.
- Autoclavable & microwavable

Resilient to Chemicals



- Highly resistant to water, neutral & acid solutions, concentrated acids, chloride, bromine, iodine, organic matter, and various other solutions
- Chemical resistance exceeds that of most metals and other materials, even during extended period of reaction and at temperatures above 100°C.

Optically Clear



- Clear and colorless appearance. Shows no noticeable absorption in the visible region of the spectrum.
- Two-stage quality assurance process verifies optical clarity before glassware ships to you.

Packed with Care



- Our glassware is thoughtfully packed into custom-designed, heavy-duty corrugate packaging to mitigate breakage during transport.

BEAKERS



Standard Wall Beakers



Heavy Duty Beakers

BEAKERS – LOW FORM

Made from durable, low-expansion borosilicate glass and designed to offer the best mechanical strength under harsh conditions, such as mechanized washing operations

- Uniform wall thickness and beaded rims
- Spouts designed for easy pouring
- Dual metric scale with white printed graduations
- Meets ASTM E438 Standards for quality and accuracy

Thomas #	Capacity	Grad.Interval	Wall Thickness	Pk	Cs
23A00V068	10 mL	NA	0.7mm	12	48
23A00V069	20 mL	10 mL	0.7mm	12	48
23A00V070	30 mL	10 mL	0.7mm	12	48
23A00V071	50 mL	10 mL	0.8mm	12	48
23A00V072	100 mL	10 mL	1.0mm	12	48
23A00V073	150 mL	20 mL	1.0mm	12	48
23A00V074	250 mL	25 mL	1.2mm	12	48
23A00V075	400 mL	25 mL	1.3mm	12	48
23A00V076	600 mL	50 mL	1.4mm	6	36
23A00V077	800 mL	50 mL	1.5mm	6	24
23A00V078	1000 mL	50 mL	1.6mm	6	24
23A00V079	2000 mL	200 mL	1.8mm	4	8
23A00V080	4000 mL	500 mL	2.2mm	1	6
23A00V081	5000 mL	500 mL	2.4mm	1	1
23A00V082	10000mL	1000 mL	2.8mm	1	1
23A00V083	20000mL	2000 mL	3.0mm	1	1

HEAVY DUTY BEAKERS – LOW FORM

Thomas #	Capacity	Grad.Interval	Wall Thickness	Pk	Cs
23A00V049	250 mL	25 mL	1.7mm	12	48
23A00V050	400 mL	25 mL	2.0mm	12	48
23A00V051	600 mL	50 mL	2.0mm	12	48
23A00V052	1000 mL	100 mL	2.5mm	6	24
23A00V053	2000 mL	200 mL	2.5mm	4	8
23A00V054	4000 mL	500 mL	3.0mm	1	4

BOTTLES



MEDIA/STORAGE BOTTLES

- Made from low-expansion borosilicate glass
- 30 mm ID opening with linerless GL45 screw thread cap; both cap and drip-free ring are made from polypropylene and autoclavable to 140°C.
- Dual metric scale with white printed graduations and marking spot

Thomas #	Capacity	Approx. O.D. x H	Pk	Cs
23A00V084	100 mL	56 x 100 mm	5	20
23A00V086	250 mL	70 x 138 mm	10	20
23A00V087	500 mL	86 x 175 mm	10	10
23A00V088	1000 mL	101 x 225 mm	10	10
23A00V089	2000 mL	136 x 262 mm	10	10
23A00V090	5000 mL	185 x 330 mm	1	1
23A00V085	10000 mL	230 x 420 mm	1	1



THOMAS BEAKER MUG

Sip smarter with our beaker mugs. Perfectly blending science and style for a uniquely fun way to enjoy your favorite drinks. 500mL.

Thomas #	Description	Qty
24A00F840	Thomas Beaker Mug	1

FLASKS



ERLENMEYER FLASKS

Thomas Scientific™ borosilicate glass Erlenmeyer flasks are designed to give the best combination of thermal shock resistance and physical strength

- Heavy-duty rims and graduations in durable white enamel
- Dual metric scale, white printed graduations

ERLENMEYER FLASKS

Thomas #	Capacity	Grad. Interval	Stopper Size	Wall Thickness	Pk	Cs
Narrow Mouth						
23A00V138	25 mL	5 mL	3	1.0 mm	12	48
23A00V139	50 mL	10 mL	3	1.0 mm	12	48
23A00V140	125 mL	25 mL	5	1.2 mm	12	48
23A00V141	250 mL	25 mL	6.5	1.2 mm	12	48
23A00V142	500 mL	50 mL	6.5	1.5 mm	6	36
23A00V143	1000 mL	50 mL	8	1.5 mm	6	24
23A00V144	2000 mL	100 mL	10	1.8 mm	4	8
Heavy Duty - Narrow Mouth						
23A00V055	25 mL	5 mL	3	1.8 mm	12	48
23A00V056	50 mL	10 mL	3	2.0 mm	12	48
23A00V057	125 mL	25 mL	5	2.2 mm	12	48
23A00V058	250 mL	25 mL	6.5	2.5 mm	12	48
23A00V059	500 mL	50 mL	6.5	2.8 mm	6	36
Wide Mouth						
23A00V145	125 mL	25 mL	6	1.2 mm	12	48
23A00V146	250 mL	50 mL	8	1.2 mm	12	48
23A00V147	500 mL	50 mL	10	1.5 mm	6	36
23A00V148	1000 mL	50 mL	11	1.5 mm	6	24

ERLENMEYER FLASKS WITH GL-45 SCREW CAP

Thomas #	Capacity	Grad. Interval	Pk	Cs
23A00V149	250 mL	25 mL	6	12
23A00V150	500 mL	50 mL	3	6
23A00V151	1000 mL	50 mL	4	4
23A00V152	2000 mL	100 mL	1	2

FILTERING FLASKS

Thomas Scientific™ Filtering Flasks include a heavy-duty rim and a bolt neck with tubulation.



- Manufactured from low-expansion Type 1, Class A Borosilicate 3.3 glass that complies with ASTM E438 Standard Specification for Glasses in Laboratory Apparatus.
- Graduations are printed in durable white enamel.
- Low alkali glass with a chemical composition of approximately 81% silica, 13% boric oxide, 4% sodium oxide, and 2% aluminum oxide.
- Virtually free of magnesia-lime-zinc group, and contains only traces of heavy metals.
- Capacities up to 1000mL use 3/8" ID tubing; sizes larger than 1000mL use 1/2" ID tubing.

FILTERING FLASKS

Thomas #	Capacity	Grad. Interval	Stopper size	Pk	Cs
23A00V060	25 mL	5 mL	3	6	18
23A00V061	50 mL	10 mL	5	6	18
23A00V062	125 mL	25 mL	5	6	18
23A00V063	250 mL	25 mL	6	6	18
23A00V064	500 mL	50 mL	6	6	18
23A00V065	1000 mL	50 mL	8	6	12
23A00V066	2000 mL	100 mL	9.5	1	1
23A00V067	4000 mL	250 mL	13	1	1



VOLUMETRIC FLASKS

Thomas Scientific™ Volumetric Flasks with Stoppers are made entirely of borosilicate glass and feature a durable, machine-blown body and heavy beaded tubing neck. They are designed to offer the best mechanical strength under harsh conditions, such as mechanized washing operations.

- Microwavable and autoclavable, with superior mechanical and chemical durability
- Feature a sharp graduation line and large white block letters
- Includes a ground glass pennyhead stopper
- Meets ASTM E288 Class A or B standards for volume, shape, dimensions, graduation markings, and calibration
- Class A flasks are batch-certified



VOLUMETRIC FLASKS WITH GLASS STOPPER CLASS A

Thomas #	Capacity	Tolerance	Stopper	Pk	Cs
Class A Narrow Mouth					
23A00V091	1 mL	± 0.01 mL	8	6	12
23A00V092	2 mL	± 0.015 mL	8	6	12
23A00V093	5 mL	± 0.02 mL	9	6	12
23A00V094	10 mL	± 0.02 mL	9	6	12
23A00V095	25 mL	± 0.03 mL	9	6	12
23A00V096	50 mL	± 0.05 mL	9	6	12
23A00V097	100 mL	± 0.08 mL	13	6	12
23A00V098	200 mL	± 0.10 mL	16	6	12
23A00V099	250 mL	± 0.12 mL	16	6	12
Class A Wide Mouth					
23A00V103	5 mL	± 0.02 mL	13	6	12
23A00V104	10 mL	± 0.02 mL	13	6	12
23A00V105	20 mL	± 0.03 mL	13	6	12
23A00V106	25 mL	± 0.03 mL	13	6	12
23A00V107	50 mL	± 0.05 mL	13	6	12
23A00V108	100 mL	± 0.08 mL	16	6	12
23A00V109	200 mL	± 0.10 mL	19	6	12
23A00V110	250 mL	± 0.120 mL	19	6	12
23A00V100	500 mL	± 0.20 mL	19	6	12
23A00V101	1000 mL	± 0.30 mL	22	1	6
23A00V102	2000 mL	± 0.50 mL	27	1	4

VOLUMETRIC FLASKS WITH GLASS STOPPER CLASS B

Thomas#	Capacity	Tolerance	Stopper	Pk	Cs
Class B Narrow Mouth					
23A00V111	10 mL	± 0.04 mL	9	6	12
23A00V112	25 mL	± 0.06 mL	9	6	12
23A00V113	50 mL	± 0.10 mL	9	6	12
23A00V114	100 mL	± 0.16 mL	13	6	12
23A00V115	200 mL	± 0.20 mL	16	6	12
23A00V116	250 mL	± 0.24 mL	16	6	12
23A00V117	500 mL	± 0.40 mL	19	6	12
23A00V118	1000 mL	± 0.60 mL	22	1	6
23A00V119	2000 mL	± 1.0 mL	27	1	4

ACCESSORIES



safeForce
powered by Thomas Scientific

STRETCHLEASE®, POWDER FREE, NITRILE EXAM GLOVES

Introducing New and Improved Stretchease® Disposable Nitrile Gloves!

- The most comfortable, most stretchable glove you've ever worn

New features include:

- Accelerator-Free (Low Dermatitis Potential)
- Chemotherapy Drug Resistant
- Fentanyl Resistant

The same Stretchease features you have grown to love!

- Powder-Free & Latex-Free
- Finish: Textured Fingers
- Exceptional Strength
- Color: Periwinkle Blue
- Improved Elasticity: 650% (min)

New Testing Info:

- Manufactured free from DEHP & DINP

Thomas #	Capacity	Pk	Cs
1159G03-NI	Nitrile Exam Gloves, 9.5 in, Ex-Small	100	1000
1159G04-NI	Nitrile Exam Gloves, 9.5 in, Small	100	1000
1159G05-NI	Nitrile Exam Gloves, 9.5 in, Medium	100	1000
1159G06-NI	Nitrile Exam Gloves, 9.5 in, Large	100	1000
1159G07-NI	Nitrile Exam Gloves, 9.5 in, Ex-Large	90	900
1159G13-NI	Nitrile Exam Gloves, 9.5 in, 2X-Large	90	900



FLASK TONGS, STAINLESS STEEL, 12"

Thomas #	Description	Qty
20A00U561	Stainless steel flask tongs are 12" long with riveted joints. Heavy duty construction safely accommodates flasks up to 5000ml. Silicone-coated jaws grip flasks firmly and open to 6".	1

labForce
powered by Thomas Scientific

DRYING RACK



This versatile drying rack features specially designed channels that allow for customizable configurations while also protecting against breakage. It includes a drying basket that keeps small items organized and has slots to securely hold pipettes while drying. The SureGrip Hook with Patent-pending design securely grips glassware into place. The rack can either stand alone on its integrated hinged stand or be easily mounted on a wall using the included guide and hardware. Constructed from durable polystyrene, it has a weight capacity of up to 77 pounds. The rack measures 17.4 x 26 x 5.5 inches (44.1 x 66 x 13.9 cm)

Includes:

- 72 Pegs: 36 Small (Black), 36 Large (Red)
- 2 Drying Baskets
- Drainage Tubing
- Mounting Guide & Hardware

Thomas #	Description	Qty
21A00D417	labForce® Drying Rack Set, Wall/Bench Mount	1

Thomas Scientific

CLEAN-WIPES



Perfect for cleaning glassware. Very strong, cleanroom-grade, nonwoven cloth is soft and lint-free. Constructed of cellulose and polyester, they will not scratch delicate surfaces. Each canister is shrink-wrapped to maintain cleanliness during shipping. Clean-Wipes are 6 x 9 inches and packaged 100 per polyethylene canister.

Thomas #	Description	Qty
2903J75	Clean-Wipes, Deionized Water, Can 100	1
2903J78	Clean-Wipes, 70% Iso Alcohol, Can 100	1
2903J81	Clean Wipes, Dry, Can 100	1

CYLINDERS

- One-piece molded borosilicate glass construction with hexagonal base & pour spout
- Dual metric scale, calibrated to deliver and batch-certified
- Fitted with adjustable plastic bumper guard protects against tip overs and rolling
- Meets ASTM E1272 Class A or B standards for quality and accuracy



GRADUATED CYLINDERS - CLASS A

Thomas #	Capacity	Grad.Interval	Tolerance	Cs
23A00V120	5 mL	0.1 mL	±0.05 mL	6
23A00V121	10 mL	0.1 mL	±0.1 mL	6
23A00V122	25 mL	0.2 mL	±0.17 mL	6
23A00V123	50 mL	1.0 mL	±0.25 mL	6
23A00V124	100 mL	1.0 mL	±0.50 mL	6
23A00V125	250 mL	2.0 mL	±1.0 mL	4
23A00V126	500 mL	5.0 mL	±2.0 mL	4
23A00V127	1000 mL	10 mL	±3.0 mL	1
23A00V128	2000 mL	20 mL	±6.0 mL	1

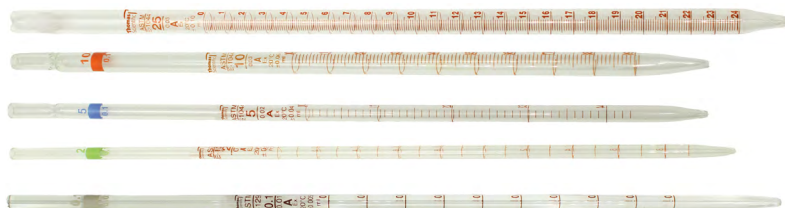
GRADUATED CYLINDERS - CLASS B

Thomas #	Capacity	Grad.Interval	Tolerance	Pk	Cs
23A00V129	5 mL	0.1 mL	±0.10 mL	4	24
23A00V130	10 mL	0.1 mL	±0.20 mL	4	24
23A00V131	25 mL	0.2 mL	±0.34 mL	4	24
23A00V132	50 mL	1.0 mL	±0.50 mL	4	24
23A00V133	100 mL	1.0 mL	±1.0 mL	4	24
23A00V134	250 mL	2.0 mL	±2.0 mL	2	12
23A00V135	500 mL	5.0 mL	±4.0 mL	1	8
23A00V136	1000 mL	10 mL	±6.0 mL	1	4
23A00V137	2000 mL	20 mL	±12.0 mL	1	4

PIPETTES

These Type 3 Serological Pipettes are made from borosilicate glass and comply with USP standards. They are ideal for use with all types of pipette fillers and controllers.

- Printed with durable amber markings
- Color-coded for easy volume identification
- Calibrated to deliver
- Class A pipettes are batch-certified



SEROLOGICAL PIPETTES - CLASS A

Thomas#	Capacity	Grad. Interval	Tolerance	Color	Pk	Cs
23A00V035	1 mL	0.1 mL	±0.01 mL	Red	6	12
23A00V036	1 mL	0.01 mL	±0.01 mL	Yellow	6	12
23A00V037	2 mL	0.1 mL	±0.01 mL	Green	6	12
23A00V038	5 mL	0.1 mL	±0.02 mL	Blue	6	12
23A00V039	10 mL	0.1 mL	±0.03 mL	Orange	6	12
23A00V040	25 mL	0.1 mL	±0.05 mL	White	6	12


SEROLOGICAL PIPETTES - CLASS B

Thomas#	Capacity	Grad. Interval	Tolerance	Color	Pk	Cs
23A00V041	0.1 mL	0.01 mL	±0.005 mL	White	6	12
23A00V042	0.2 mL	0.01 mL	±0.008 mL	Black	6	12
23A00V043	1 mL	0.1 mL	±0.02 mL	Red	6	12
23A00V044	1 mL	0.01 mL	±0.02 mL	Yellow	6	12
23A00V045	2 mL	0.1 mL	±0.02 mL	Green	6	12
23A00V046	5 mL	0.1 mL	±0.04 mL	Blue	6	12
23A00V047	10 mL	0.1 mL	±0.06 mL	Orange	6	12
23A00V048	25 mL	0.1 mL	±0.1 mL	White	6	12



CONNECT WITH US.

 Customerservice@thomassci.com

 833.544.7447

 thomassci.com

