snt biotech



Plasticware • Glassware • Equipment

POWDER FUNNELS

These heavy-duty polypropylene (PP) powder funnels feature a large bore, which make them ideal for use with powder, large particles and viscous liquids. External ribbing is molded into the funnel to prevent air lock. They are angled at exactly 60° for rapid filtration. Available in 6 different sizes, these powder funnels accommodate standard filter paper sizes.

- Translucent polypropylene (PP)
- 60° angle for quick filtration
- Excellent chemical resistance
- Autoclavable at 121°C for 20 minutes.





Ordering Information

Item #	Funnel Size	Units
600171	60mm	5 & 20
600167	80mm	2 & 20
600168	100mm	2 & 20
600169	120mm	2 & 10
600170	150mm	2 & 10
600166	180mm	Each & 5

iecnnicai	Intormation	7		

Top Diameter	Stem Length	Stem Diameter
60mm	20mm	15mm
80mm	22mm	15mm
100mm	25mm	25mm
120mm	27mm	30mm
150mm	40mm	36mm
180mm	49mm	43mm

BUCHNER FUNNELS

Molded of polypropylene, these funnels are unbreakable and resistant to corrosion and heat. Two piece construction allows top and bottom to be separated for easy cleaning. The funnels are fully autoclavable and feature excellent chemical resistance. These funnels are approved for use with food products.

- Polypropylene (PP)
- Approved for use with food products





Ordering Information

Item #	Filter Diameter	Unit	
600437	42.5mm	Each	
600438	55mm	Each	
600439	70mm	Each	
600440	80mm	Each	
600441	90mm	Each	
600442	110mm	Each	
600443	160mm	Each	
600445	240mm	Each	

Technical Information

Holes	Cap	Stem Length
1.2mm	40mm	47mm
1.1mm	70mm	57mm
2mm	180mm	57mm
2mm	285mm	65mm
2.5mm	390mm	68mm
2.5mm	810mm	92mm
2.75mm	2100mm	105mm
3mm	6000mm	143mm





Designed to meet the needs of the most demanding laboratory professionals, Globe Glass™ laboratory glassware sets the standard for performance and packaging in the glassware marketplace. Top quality borosilicate glass delivers outstanding strength, durability, and chemical resistance. Superior GlassGuard™ packaging has been engineered to ensure that Globe Glass™ products arrive at their destination intact and ready for use, each and every time. Globe Glass™ beakers, Erlenmeyer flasks, volumetric flasks, graduated cylinders, and media bottles are offered in sizes most commonly used in laboratories everywhere.

Globe Glass™ Gold Standards

Premium Raw Materials

Globe Glass™ laboratory glassware is made exclusively from ASTM E438, Type I, Class A, 3.3 borosilicate glass for excellent resistance to thermal shock and high chemical resistance to most acids, alkalis, and solvents.

ASTM Compliant Designs

Globe Glass™ laboratory glassware meets applicable ASTM standards for volume, shape, dimensions, graduation markings, and calibration. These ASTM standards are clearly marked for easy confirmation that each piece of Globe Glass™ laboratory glassware will meet the needs of laboratory professionals.

Precision Manufacturing

Computer controlled, automated production lines ensure that Globe Glass™ laboratory glassware has consistent wall thickness, striation free flat bottoms, and precise forming of rims and spouts.



White Enamel Marking

Permanent white enamel markings are ASTM compliant and easy to read. Dual metric scale graduations are included on most items for easy reference while filling or dispensing. Most Globe Glass™ laboratory glassware items include a large, convenient marking area for coding or identification.

Quality Systems

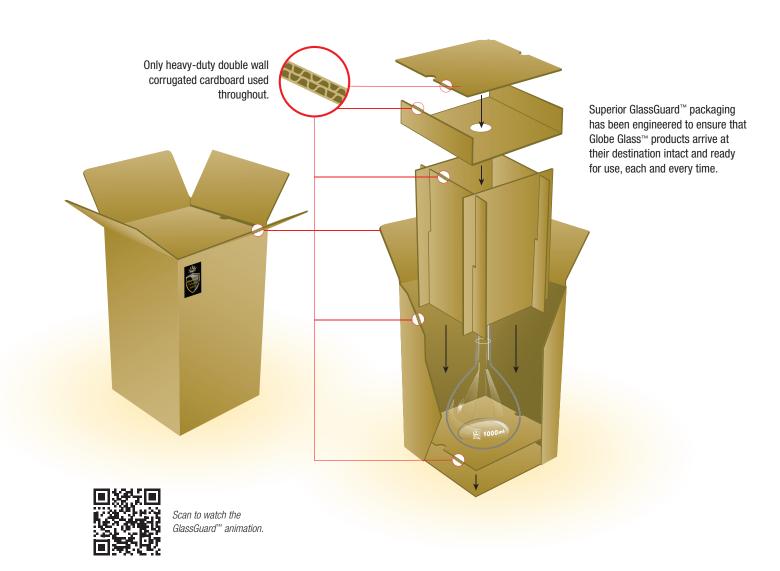
Globe Glass™ laboratory glassware is manufactured under stringent quality controls. Manufacturing facilities are ISO 9001 certified and in-house calibration is performed in an ISO 17025 certified laboratory.



Exclusive GlassGuard™ Packaging System

Engineered to meet the hazards and rigors of transportation, GlassGuard[™] packaging protects Globe Glass[™] laboratory glassware during shipment. Robust packaging designs begin at the pack level and extend to the full case packaging. Heavy duty, multi-layered corrugated container systems meet rigid quality standards and testing protocols to provide exceptional protection from damage, even in the small parcel shipping environment.

Anatomy of a GlassGuard™ Package





MEDIA BOTTLES

Globe Glass™ media bottles are designed with a wide mouth for ease of filling, dispensing, and pipetting. A drip-free pour ring and autoclavable polypropylene (PP) screw cap enable sterilizations of media and reagents. Globe Glass™ clear media bottles are available in sizes 50mL to 10000mL.

- ASTM E438, Type I, Class A, Borosilicate 3.3 Glass
- GlassGuard[™] packaging system protects against transit damage
- GL32 polypropylene (PP) screw cap on size 50mL
- GL45 polypropylene (PP) screw caps on all other sizes
- Polypropylene (PP) pouring ring for drip-free liquid transfer
- High resistance to chemicals
- Dual scale metric graduations
- · Durable white enamel printing
- Large white marking area

Amber Media Bottles

Globe Glass™ amber media bottles have all the same features as our standard media bottles while providing a great option for mixing, storing, and transport of light sensitive solutions and media. Available in sizes 50mL to 2000mL.

• Amber color reduces light transmission

Square Wide Mouth Media Bottles

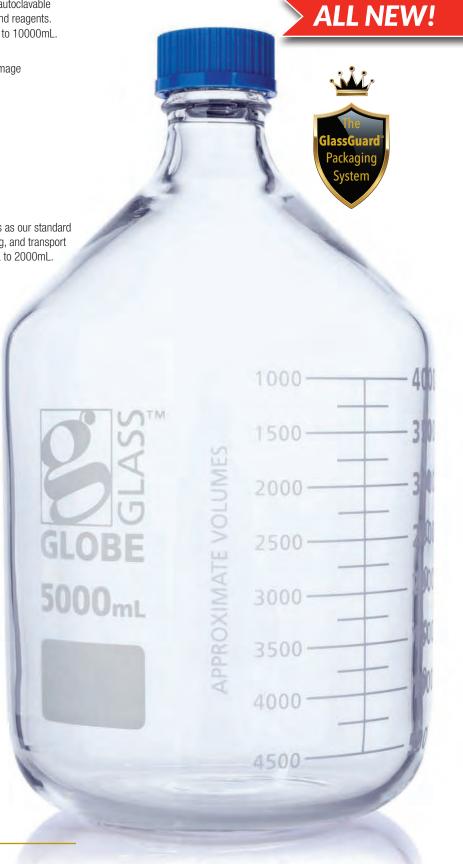
Globe Glass™ square wide mouth media bottles are designed with an extra wide mouth for ease of filling, dispensing, and pipetting. The square shape improves storage and transport efficiency. A drip free pour ring and autoclavable polypropylene (PP) screw cap enable sterilization of media and reagents. Globe Glass™ square wide mouth media bottles are available in sizes 500mL, 1000mL, and 2000mL.

- ASTM E438, Type I, Class A, Borosilicate 3.3 Glass
- Square shape improves storage efficiency
- GL80 polypropylene (PP) screw caps
- · Pouring ring for drip free liquid transfer
- High resistance to chemicals
- Single scale metric graduations
- Durable white enamel printing
- · Large white marking area

8105000



All Globe Glass™ media bottles feature a polypropylene (PP) pouring ring for drip-free liquid transfer









Media Bottles

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Item #	Capacity (mL)	Height* (mm)	Widest Outside Diameter (mm)	Graduation Interval (mL)	Graduation Range (mL)	Closure Size	Pack Qty	Case Qty		
8100050	50	87	46	10	20 to 40	GL32	10	40		
8100100	100	100	56	10	20 to 80	GL45	10	20		
8100250	250	138	70	25	50 to 200	GL45	10	20		
8100500	500	176	86	50	100 to 400	GL45	10	10		
8101000	1000	225	101	50	100 to 900	GL45	10	10		
8102000	2000	260	136	100	400 to 1800	GL45	10	10		
8105000	5000	330	186	250	100 to 4500	GL45	1	1		
810010K	10000	410	238	500	2000 to 9000	GL45	1	1		

Amber Media Bottles

MITIDET INC	Anibei incuia botties								
Item #	Capacity (mL)	Height* (mm)	Widest Outside Diameter (mm)	Graduation Interval (mL)	Graduation Range (mL)	Closure Size	Pack Qty	Case Qty	
8110050	50	87	46	10	20 to 40	GL32	10	40	
8110100	100	100	56	10	20 to 80	GL45	10	20	
8110250	250	138	70	25	50 to 200	GL45	10	20	
8110500	500	176	86	50	100 to 400	GL45	10	10	
8111000	1000	225	101	50	100 to 900	GL45	10	10	
8112000	2000	260	136	100	400 to 1800	GL45	10	10	

Square Media Bottles

	Capacity	Height*	Outside	Graduation	Graduation	Closure	Pack	Case
Item #	(mL)	(mm)	Dimensions (mm)	Interval (mL)	Range (mL)	Size	Qty	Qty
8120500	500	134	94 x 94 square	50	100 to 400	GL80	10	10
8121000	1000	180	105 x 105 square	50	100 to 900	GL80	10	10
8122000	2000	253	115 x 115 square	100	400 to 1800	GL80	10	10

^{*}All heights are without cap.



ALL NEW!

LOW FORM GRIFFIN STYLE BEAKERS

Uniform wall thickness, flat bottoms, and low expansion 3.3 Borosilicate glass make Globe Glass™ low form Griffin style beakers strong and durable with excellent resistance to thermal shock. Beaded rims and formed spouts facilitate accurate and steady pouring of liquids. Globe Glass™ low form Griffin style beakers are available in sizes from 10mL to 4000mL.

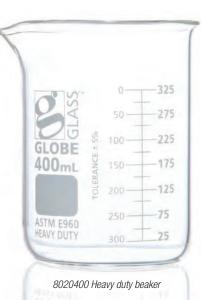
- ASTM E960 Type I Specifications
- GlassGuard[™] packaging system protects against transit damage
- Formed pour spout for easy pouring
- High resistance to chemicals
- Uniform wall thickness
- Dual metric scale graduations
- Durable white enamel printing
- Large white marking area

Heavy Duty Low Form Griffin Style Beakers

The thicker walls of these heavy duty beakers improve mechanical strength to protect against breakage in the most rigorous uses. Globe Glass™ low form Griffin style beakers are available in sizes from 250mL to 4000mL.

- Meet ASTM E960 Type II Specifications
- Thicker walls protect against damage

Note: The heavy duty beakers are not recommended for use on hot plates





Low Form Griffin Style Beakers

	Capacity	Height	Widest Outside	Graduation	Graduation	Pack	Case
Item #	(mL)	(mm)	Diameter (mm)	Interval (mL)	Range (mL)	Qty	Qty
8010010	10	33	23	NA	NA	12	48
8010020	20	43	30	5	5 to 15	12	48
8010030	30	53	33	10	5 to 25	12	48
8010050	50	58	39	10	10 to 40	12	48
8010100	100	73	50	10	20 to 80	12	48
8010150	150	88	57	10	20 to 140	12	48
8010250	250	95	67	25	25 to 200	12	48
8010400	400	113	77	25	25 to 325	12	48
8010600	600	125	88	50	50 to 500	6	36
8010800	800	135	98	50	50 to 750	6	24
8011000	1000	157	108	50	50 to 1000	6	24
8012000	2000	188	130	100	200 to 1800	4	8
8014000	4000	250	161	250	500 to 3500	1	6

Heavy Duty Low Form Griffin Style Beakers

Item #	Capacity (mL)	Height (mm)	Widest Outside Diameter (mm)	Graduation Interval (mL)	Graduation Range (mL)	Pack Qty	Case Qty
8020250	250	95	67	25	25 to 200	12	48
8020400	400	113	77	25	25 to 325	12	48
8020600	600	125	88	50	50 to 500	6	36
8021000	1000	157	108	50	50 to 1000	6	24
8022000	2000	190	130	100	200 to 1800	4	8
8024000	4000	257	161	250	500 to 3500	1	4



GRADUATED CYLINDERS

Calibrated to ASTM E1272 standards, Globe Glass™ graduated cylinders measure precise volumes of liquids. A solid hexagonal base provides stability, and an included polyethylene (PE) bumper guard helps to protect against accidental breakage. Globe Glass™ graduated cylinders are calibrated TD "To Deliver" and are available in sizes 5mL to 2000mL with Class A or Class B calibration tolerance options. Class A graduated cylinders include a batch calibration report.

- Meet ASTM E1272 Style 1 Specification
- Calibrated TD "To Deliver"
- Class A calibration tolerance for highest accuracy and the most critical laboratory work
- Class B calibration tolerance for general laboratory work
- GlassGuard[™] packaging system protects against transit damage
- Pour spout for easy liquid transfer
- Beaded rim for strength and durability
- High resistance to chemicals
- Dual scale metric graduations
- Durable white enamel printing







Graduated Cylinders

-						
Itom #	Capacity	Tolerance	Graduation	Height	Pack	Case
Item #	(mL)	(mL)	Interval (mL)	(mm)	Qty	Qty
Calibration Class A						
8300005	5	0.05	0.1	113	1	6
8300010	10	0.1	0.1	137	1	6
8300025	25	0.17	0.2	167	1	6
8300050	50	0.25	1	195	1	6
8300100	100	0.5	1	257	1	6
8300250	250	1	2	330	1	4
8300500	500	2	5	385	1	4
8301000	1000	3	10	460	1	1
8302000	2000	6	20	565	1	1
Calibration Class B						
8330005	5	0.1	0.1	113	4	24
8330010	10	0.2	0.1	137	4	24
8330025	25	0.35	0.2	167	4	24
8330050	50	0.5	1	195	4	24
8330100	100	1	1	257	4	24
8330250	250	2	2	330	2	12
8330500	500	4	5	385	1	8
8331000	1000	6	10	460	1	4
8332000	2000	12	20	565	1	4



VOLUMETRIC FLASKS

Each Globe Glass™ volumetric flask is calibrated to meet ASTM tolerance specifications for precise measurement in solution preparation and dilution. A diamond etched graduation line indicates the calibrated capacity of each flask. Wide mouth options are available for easier filling and mixing. Globe Glass™ volumetric flasks are offered in sizes from 1mL to 2000mL and with Class A or Class B calibration tolerances. Class A volumetric flasks include a batch calibration report.

- Meet ASTM E288 Specification Sizes 5mL to 2000mL
- Meet ASTM E237 Specification Sizes 1mL and 2mL
- Calibrated TC "To Contain"
- Class A calibration tolerance for highest accuracy and the most critical laboratory work
- · Class B calibration tolerance for general laboratory work
- GlassGuard[™] packaging system protects against transit damage
- Supplied with glass pennyhead stoppers
- Diamond etched graduation marks
- High resistance to chemicals
- Durable white enamel printing
- · Large white marking area









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Volumetric Flasks

	Capacity	Tolerance	Height Without	Outside	Stopper	Pack	Case
Item #	(mL)	(mL)	Stopper (mm)	Diameter (mm)	Size	Qty	Qty
Calibration Class	Α						
8200001	1	0.01	65	13	8	6	12
8200002	2	0.02	70	17	8	6	12
8200005	5	0.02	70	22	9	6	12
8200010	10	0.02	90	28	9	6	12
8200025	25	0.03	110	40	9	6	12
8200050	50	0.05	140	50	9	6	12
8200100	100	0.08	170	60	13	6	12
8200200	200	0.10	210	75	16	6	12
8200250	250	0.12	220	80	16	6	12
8200500	500	0.20	260	100	19	6	12
8201000	1000	0.30	300	125	22	1	6
8202000	2000	0.50	370	160	27	1	4
Calibration Class	A — WIDE MOUTH						
8230005	5	0.08	70	22	13	6	12
8230010	10	0.08	90	28	13	6	12
8230020	20	0.08	110	40	13	6	12
8230025	25	0.08	110	40	13	6	12
8230050	50	0.08	130	52	13	6	12
8230100	100	0.10	160	63	16	6	12
8230200	200	0.20	200	76	19	6	12
8230250	250	0.20	225	82	19	6	12
Calibration Class	В						
8250010	10	0.04	90	28	9	6	12
8250025	25	0.06	110	40	9	6	12
8250050	50	0.10	140	50	9	6	12
8250100	100	0.16	170	60	13	6	12
8250200	200	0.20	210	75	16	6	12
8250250	250	0.24	220	80	16	6	12
8250500	500	0.40	260	100	19	6	12
8251000	1000	0.60	300	125	22	1	6
8252000	2000	1.00	370	160	27	1	4

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8402000

Erlenmeyer flask

ERLENMEYER FLASKS

Globe Glass™ Erlenmeyer flasks meet ASTM E1404 specifications for narrow mouth, wide mouth and screw cap options and are available in a wide range of sizes. Wide mouth flasks allow easy access to contents, while screw cap flasks include a GL45 cap with a PTFE liner for a leak resistant closure. Globe Glass™ narrow and wide mouth Erlenmeyer flasks are designed with reinforced, beaded rims for strength and resistance to chipping.

- Meet ASTM E1404 Specifications
- GlassGuard[™] packaging system protects against transit damage
- High resistance to chemicals
- Uniform wall thickness
- Reinforced beaded rims to resist chipping*
- PTFE lined GL 45 polypropylene (PP) screw cap **
- Dual metric scale graduations *
- Single metric scale graduations**
- Durable white enamel printing
- · Large white marking area

*Narrow, wide mouth and heavy duty options

**Screw cap options

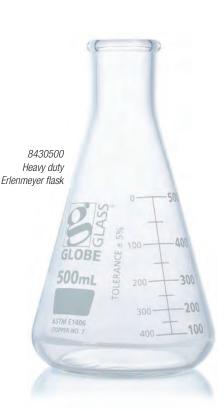


Globe Glass™ heavy duty Erlenmeyer flasks meet ASTM E1406 specifications. Thick, heavy-duty walls improve mechanical strength and allow use in filtering applications not requiring side tubulation. Globe Glass™ heavy duty Erlenmeyer flasks are designed with reinforced, beaded rims for strength and resistance to chipping.

- Meet ASTM E1406, Type I Specifications
- Thicker walls protect against damage
- High resistance to chemicals
- Uniform wall thickness

ALL NEW!













Wide mouth Erlenmeyer flasks available in 4 sizes.





Erlenmever Flasks

rienmeyer Fiasks								
Item #	Capacity (mL)	Height* (mm)	Widest Outside Diameter (mm)	Graduation Interval (mL)	Graduation Range (mL)	Rubber Stopper Size	Pack Qty	Case Qty
Narrow Mout	h							
8400025	25	65	40	5	10 to 25	0	12	48
8400050	50	81	50	10	20 to 50	1	12	48
8400125	125	115	67	25	50 to 125	5	12	48
8400250	250	136	82	25	50 to 250	6	12	48
8400300	300	144	88	25	50 to 300	6	12	48
8400500	500	178	103	50	100 to 500	7	6	36
8401000	1000	219	128	50	250 to 1000	9	6	24
8402000	2000	280	164	100	600 to 2000	10	4	8
Wide Mouth								
8410125	125	115	67	25	50 to 125	6	12	48
8410250	250	136	82	25	50 to 250	8	12	48
8410500	500	103	103	50	100 to 500	10	6	36
8411000	1000	128	128	50	250 to 1000	11	6	24
Screw Cap						Closure Size		
8420250	250	140	85	25	50 to 250	GL45	6	12
8420500	500	175	105	50	100 to 500	GL45	6	6
8421000	1000	220	131	50	250 to 1000	GL45	4	4
8422000	2000	280	166	100	600 to 2000	GL45	1	2

^{*}Height is without cap.



Heavy Duty Erlenmeyer Flasks

	Capacity	Height	Widest Outside	Graduation	Graduation	Rubber	Pack	Case
Item #	(mL)	(mm)	Diameter (mm)	Interval (mL)	Range (mL)	Stopper Size	Qty	Qty
8430250	250	158	84	25	50 to 250	6	6	18
8430500	500	188	106	50	100 to 500	7	1	6
8431000	1000	240	136	50	250 to 1000	8	1	6
8432000	2000	290	165	100	600 to 2000	9	1	12
8434000	4000	360	205	250	1000 to 4000	12	1	6



FILTER FLASKS

Globe Glass[™] filter flasks meet ASTM E1406 specifications. Thick, heavy-duty walls provide the mechanical strength necessary for filtering operations. Flasks have side tubulation for connection to 7mm-8mm flexible tubing. Globe Glass[™] filter flasks are designed with reinforced, beaded rims for strength and resistance to chipping.

- Meet ASTM E1406, Type II, Class I Specifications
- GlassGuard[™] packaging system protects against transit damage
- Thick walls for mechanical strength
- Side tubulation connects to 7mm-8mm flexible tubing
- High resistance to chemicals
- Uniform wall thickness
- Reinforced beaded rims to resist chipping
- Dual metric scale graduations
- Durable white enamel printing
- · Large white marking area









Filter Flasks

Item #	Capacity (mL)	Height (mm)	Widest Outside Diameter (mm)	Graduation Interval (mL)	Graduation Range (mL)	Rubber Stopper Size	Pack Qty	Case Qty
8450025	25	75	40	5	10 to 25	3	6	18
8450050	50	83	51	10	20 to 50	4	6	18
8450125	125	113	71	25	50 to 125	5	6	18
8450250	250	158	84	25	50 to 250	6	6	18
8450500	500	188	106	50	100 to 500	7	6	18
8451000	1000	242	135	50	250 to 1000	8	6	12
8452000	2000	288	165	100	600 to 2000	9	1	1
8454000	4000	360	205	50	1000 to 4000	12	1	1



REUSABLE SEROLOGICAL PIPETTES

Globe Glass™ serological pipettes measure and dispense specific volumes of liquid and are calibrated to ASTM E1044 standards. Globe Glass™ reusable serological pipettes are calibrated TD "To Deliver" and must be blown out to deliver the full capacity. Colored bands simplify volume identifications and amber enameled graduations are bold and easy to read. Globe Glass™ serological pipets are available in sizes 0.1mL to 25mL and in Class A or Class B calibration tolerance options. Class A serological pipets include a batch calibration report.

- Meet ASTM E1044 Style I specifications
- GlassGuard[™] packaging system protects against transit damage
- Calibrated TD "To Deliver"
- Class A calibration tolerance for highest accuracy and the most critical laboratory work
- Class B calibration tolerance for general laboratory work
- High resistance to chemicals
- Reusable and autoclavable
- Color coded for simple volume identification





Serological Pipettes - Class A

Item #	Capacity (mL)	Color	Length (mm)	Tolerance (mL)	Graduation Interval (mL)	Graduation Range (mL)	Pack Qty	Case Qty
8500001	1	Red	360	0.01	0.1	0 to 0.9	6	12
8500001A	1	Yellow	360	0.01	0.01	0 to 0.95	6	12
8500002	2	Green	360	0.01	0.1	0 to 1.9	6	12
8500005	5	Blue	360	0.02	0.1	0 to 4.5	6	12
8500010	10	Orange	360	0.03	0.1	0 to 9.5	6	12
8500025	25	White	450	0.05	0.1	0 to 24	6	12

Serological Pipettes - Class B

Item #	Capacity (mL)	Color	Length (mm)	Tolerance (mL)	Graduation Interval (mL)	Graduation Range (mL)	Pack Qty	Case Qty
8510000	0.1	White	360	0.005	0.01	0 to 0.09	6	12
8510000A	0.2	Black	360	0.008	0.01	0 to 0.19	6	12
8510001	1	Red	360	0.02	0.1	0 to 0.9	6	12
8510001A	1	Yellow	360	0.02	0.01	0 to 0.95	6	12
8510002	2	Green	360	0.02	0.1	0 to 1.9	6	12
8510005	5	Blue	360	0.04	0.1	0 to 4.5	6	12
8510010	10	Orange	360	0.06	0.1	0 to 9.5	6	12
8510025	25	White	450	0.1	0.1	0 to 24	6	12



BULK ROUTINE AND BIOPSY CASSETTES

Globe Scientific produces two of the most popular styles of biopsy and routine cassettes sold worldwide. Produced from acetal polymer, the cassettes are resistant to histological solvents and decalcifying solutions. These high density polymer cassettes keep samples safely submerged in liquids and feature wide slots (routine cassettes) or 1mm square openings (biopsy cassettes) for excellent fluid exchange and proper drainage.

Bulk Cassettes with Attached Lids

The 35° angled cassette features a large writing surface and two side panels ideal for labeling. One-piece design features attached lid for ease-of-use. The lid securely locks into the base and keeps samples safe and secure. The 35° angled cassettes can be manually loaded into most cassette printers.

- · Large textured writing surface
- Rounded thumb tab on the front of the cassette for easy opening

Material: Acetal polymer

Packaging: 500/dispenser box, 2 boxes/case

Rou	ıtine Casset	tes	Biop	sy Cassette	es
Item #	Color	Unit	Item #	Color	Unit
1094A	Aqua	1000	1095B	Blue	1000
1094B	Blue	1000	1095G	Green	1000
1094G	Green	1000	1095N	Orange	1000
1094H	Peach	1000	1095W	White	1000
1094L	Lilac	1000	1095Y	Yellow	1000
1094P	Pink	1000			
1094T	Tan	1000			
1094W	White	1000			
1094Y	Yellow	1000			

Bulk Cassettes with Removable Lids

The 30° angled cassette features an extra-large writing surface and two side panels ideal for labeling. The cassette has an integral lid that snaps apart and securely locks into the base at time of use. The lid can be removed and reattached repeatedly to access the specimen. Note: These cassettes are not suitable for use on cassette printers.

- Extra large textured writing surface
- Wide finger tab on the back of the cassette for easy opening

Material: Acetal polymer

Packaging: 500/dispenser box, 2 boxes/case

Rou	ıtine Casset	tes	Biop	sy Cassette	S
Item #	Color	Unit	Item #	Color	Unit
1090A	Aqua	1000	1091B	Blue	1000
1090B	Blue	1000	1091G	Green	1000
1090G	Green	1000	1091N	Orange	1000
1090P	Pink	1000	1091W	White	1000
1090W	White	1000	1091Y	Yellow	1000
1090Y	Yellow	1000			



See our Diamond PerfectMark™ permanent laboratory

marker on page 220. The fine tip makes it easy to write

on histology cassettes and other small surfaces.

MANUFACTOR MARKET Norm #1000