

BELCO GLASSWARE



LABORATORY GLASSWARE & EQUIPMENT

MADE IN ★ ★
USA ★ ★

SPINNER FLASKS

Micro-Carrier Spinner Flask	2
Micro-Carrier Impeller Assembly	2
Impeller Assembly	2
Spinner Flask IOB Standard	3
Water Jacketed Spinner Flask.....	3
Internal Overhead Bearing Impeller with Cap	4
Bell-Flo Spinner Flask.....	4
Bell-Flo Spinner Flask IOB Impeller Assembly	4
Micro-Carrier Cap Assembly	4
Glass Ball Impeller	4
Glass Ball Spinner Flask	5
Glass Impeller Shaft.....	5
Micro-Carrier Glass Shaft Assembly	5
Adjustable Hanging Bar Spinner Flask without Bottom Dimple.....	5

FLASKS

6



SPINNER FLASKS

MICRO-CARRIER SPINNER FLASK

Promote optimal growth of suspension and micro-carrier cultures. Impeller height adjusts through compression fitting in cap. Indented bottom up to 1L prevents accumulation of micro-carrier beads under impeller.

Item Number	Description	Size	Case Qty
1965-00100	Complete	100mL	1
1965-00250	Complete	250mL	1
1965-00500	Complete	500mL	1
1965-02500	Complete	500mL	1
1965-01000	Complete	1L	1
1965-03000	Complete	3L	1
1965-06000	Complete	6L	1
1965-08000	Complete	8L	1
1965-15000	Complete	15L	1
1965-36000	Complete	36L	1
1965-10100	Flask Only	100mL	1
1965-10250	Flask Only	250mL	1
1965-10500	Flask Only	500mL	1
1965-20500	Flask Only	500mL	1
1965-11000	Flask Only	1L	1
1965-13000	Flask Only	3L	1
1965-16000	Flask Only	6L	1
1965-18000	Flask Only	8L	1
1965-11500	Flask Only	15L	1
1965-13600	Flask Only	36L	1

1965-02500



1965-00100



1965-10100



IMPELLER ASSEMBLY

Glass shaft impeller assembly for 1967-style hanging bar spinner flasks. Consists of PTFE, magnet holder, and PTFE coated magnet.

Item Number	Description	Size	Case Qty
1967-30025	Impeller Assembly	25mL	1
1967-30050	Impeller Assembly	50-500mL	1
1967-31000	Impeller Assembly	1-3L	1

1965-30100



1967-30025



MICRO-CARRIER IMPELLER ASSEMBLY

Promote optimal growth of suspension and micro-carrier cultures. Impeller height adjusts through compression fitting in cap. Indented bottom up to 1L prevents accumulation of micro-carrier beads under impeller.

Item Number	Description	Size	Case Qty
1965-30100	Impeller Assembly	100mL & 250mL	1
1965-30500	Impeller Assembly	500mL	1
1965-31000	Impeller Assembly	1L & 3L	1
1965-38000	Impeller Assembly	6L & 8L	1
1965-31500	Impeller Assembly	15L & 36L	1

SPINNER FLASKS

WATER JACKETED SPINNER FLASK

Requires circulating water bath or chiller unit. 50ml through 3L-3/8" tubing 6-8L 1/2" tubing for hose connections.

Item Number	Description	Size	Case Qty
1965-50050	Complete	50mL	1
1965-50100	Complete	100mL	1
1965-50250	Complete	250mL	1
1965-50500	Complete	500mL	1
1965-51000	Complete	1L	1
1965-53000	Complete	3L	1
1965-56000	Complete	6L	1
1965-58000	Complete	8L	1
1965-50051	Flask Only	50mL	1
1965-50101	Flask Only	100mL	1
1965-50251	Flask Only	250mL	1
1965-50501	Flask Only	500mL	1
1965-51100	Flask Only	1L	1
1965-53001	Flask Only	3L	1
1965-56001	Flask Only	6L	1
1965-58001	Flask Only	8L	1

SPINNER FLASK IOB STANDARD

Internal impeller decreases risk of contamination through cap. Adjustable shaft aligns paddle with bottom of flask. Large paddle promotes increased oxygenation with low shear.

Item Number	Description	Size	Case Qty
1965-61001	Complete	100mL	1
1965-61002	Complete	250mL	1
1965-61005	Complete	500mL	1
1965-61015	Complete	500mL	1
1965-61010	Complete	1L	1
1965-61030	Complete	3L	1
1965-61060	Complete	6L	1
1965-61080	Complete	8L	1
1965-61150	Complete	15L	1
1965-61360	Complete	36L	1

1965-50500



WATER JACKETED SPINNER FLASK

Internal impeller decreases risk of contamination through cap. Adjustable shaft aligns paddle with bottom of flask. Large paddle promotes increased oxygenation with low shear.

Item Number	Description	Size	Case Qty
1965-51501	Flask Only	15L	1
1965-52001	Flask Only	20L	1
1965-52501	Flask Only	25L	1
1965-55001	Flask Only	50L	1
1965-62001	Complete IOB	100mL	1
1965-62002	Complete IOB	250mL	1
1965-62005	Complete IOB	500mL	1
1965-62010	Complete IOB	1L	1
1965-62030	Complete IOB	3L	1
1965-62060	Complete IOB	6L	1

1965-61015



SPINNER FLASKS

INTERNAL OVERHEAD BEARING IMPELLER WITH CAP

Stainless steel shaft design prevents cell damage and minimizes magnetic decoupling. Sealed internal assembly requires less incubator space. For use of Bellco series 1965- standard and water jacketed spinner flasks. 3L & up include adjustable paddle blades.

1965-60001



Item Number	Description	Size	Case Qty
1965-60001	Cap Assembly	100-250mL	1
1965-60015	Cap Assembly	500mL	1
1965-60005	Cap Assembly	500mL	1
1965-60010	Cap Assembly	1L	1
1965-60030	Cap Assembly	3L	1
1965-60060	Cap Assembly	6L	1
1965-60080	Cap Assembly	8L	1
1965-60150	Cap Assembly	15L	1
1965-60360	Cap Assembly	36L	1

BELL-FLO SPINNER FLASK

Bottom indent & three vertical baffles provide optimal mixing. Unique PTFE paddle design promotes culture aeration. Rugged stainless steel/PTFE internal bearing assemblies.

1965-80575



Item Number	Description	Size	Case Qty
1965-80105	Complete	100mL	1
1965-80255	Complete	250mL	1
1965-80575	Complete	500mL	1
1965-80515	Complete	500mL	1
1965-81005	Complete	1L	1
1965-83005	Complete	3L	1
1965-80100	Flask Only	100mL	1
1965-80250	Flask Only	250mL	1
1965-80570	Flask Only	500mL	1
1965-80510	Flask Only	500mL	1
1965-81000	Flask Only	1L	1
1965-83000	Flask Only	3L	1

BELL-FLO SPINNER FLASK IOB IMPELLER ASSEMBLY

Unique PTFE paddle design promotes culture aeration. Rugged stainless steel/PTFE internal bearing assemblies.

Item Number	Size	Case Qty
1965-80101	100mL	1
1965-80251	250mL	1
1965-80571	500mL	1
1965-80511	500mL	1
1965-81001	1L	1
1965-83001	3L	1

1965-80571



GLASS BALL IMPELLER

Glass ball houses a magnet for gentle agitation of micro-carrier beads.

Item Number	Description	Size	Case Qty
1965-95010	Impeller Assembly	Only 100mL	1
1965-95025	Impeller Assembly	Only 250mL	1
1965-95050	Impeller Assembly	Only 500mL	1
1965-95100	Impeller Assembly	Only 1L	1
1965-95300	Impeller Assembly	Only 3L	1
1965-95600	Impeller Assembly	Only 6L – 8L	1

MICRO-CARRIER CAP ASSEMBLY

Polypropylene screw cap with silicone gasket, pouring ring and compression fitting.

Item Number	Description	Size	Case Qty
1965-90070	Cap Assembly	Micro-Carrier	1
1965-90100	Cap Assembly	Micro-Carrier	1
1965-99100	Cap Assembly	Micro-Carrier	1

1965-90070

1965-90070



SPINNER FLASKS

GLASS BALL SPINNER FLASK

Specially formed bottom indent prevents accumulation under impeller. Glass ball houses a magnet for gentle agitation of micro-carrier beads.

1965-92005



Item Number	Description	Size	Case Qty
1965-92001	Complete	100mL	1
1965-92002	Complete	Flask 250mL	1
1965-92005	Complete	Flask 500mL	1
1965-92010	Complete	Flask 1L	1
1965-92030	Complete	Flask 3L	1
1965-92060	Complete	Flask 6L	1
1965-92080	Complete	Flask 8L	1
1965-94010	Flask Only	Flask 100mL	1
1965-94025	Flask Only	Flask 250mL	1
1965-94050	Flask Only	Flask 500mL	1
1965-94100	Flask Only	Flask 1L	1
1965-94300	Flask Only	Flask 3L	1
1965-94600	Flask Only	Flask 6L	1
1965-94800	Flask Only	Flask 8L	1

GLASS IMPELLER SHAFT

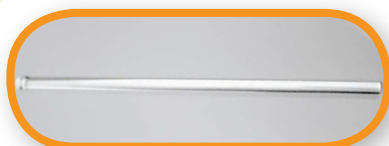
Type 1 Class A Borosilicate Glass

Item Number	Description	Size	Case Qty
1969-70100	Glass Shaft	25-50mL	1

MICRO-CARRIER GLASS SHAFT ASSEMBLY

Promote optimal growth of suspension and micro-carrier cultures. Impeller height adjusts through compression fitting in cap. Indented bottom up to 1L prevents accumulation of micro-carrier beads under impeller. Type 1 Class A Borosilicate Glass.

1969-71000



ADJUSTABLE HANGING BAR SPINNER FLASK WITHOUT BOTTOM DIMPLE

PTFE impeller assembly rides on glass bearing for friction free operation. 25 & 50mL have black phenolic rubber-lined center and sidearm caps. 100mL-300mL have polypropylene caps, silicone gasket and pouring rings accumulation of micro-carrier beads under impeller.

1967-00025



Item Number	Description	Size	Case Qty
1967-00025	Complete	25mL	1
1967-00050	Complete	50mL	1
1967-00100	Complete	100mL	1
1967-00250	Complete	250mL	1
1967-00500	Complete	500mL	1
1967-01000	Complete	1L	1
1967-03000	Complete	3L	1
1967-10025	Flask Only	25mL	1
1967-10050	Flask Only	50mL	1
1967-10100	Flask Only	100mL	1
1967-10250	Flask Only	250mL	1
1967-10500	Flask Only	500mL	1
1967-11000	Flask Only	1L	1
1967-13000	Flask Only	3L	1

Item Number	Description	Size	Case Qty
1965-78000	Glass Shaft	6-8L	1
1965-71500	Glass Shaft	15-36L	1
1969-70250	Glass Shaft	100-250mL	1
1969-70500	Glass Shaft	500mL	1
1969-71000	Glass Shaft	1L	1
1969-73000	Glass Shaft	3L	1

1969-70100



FLASKS

Erlenmeyer Flask Narrow Mouth	7
DeLong Culture Flask with Stainless Steel Closure	8
DeLong Culture Flask without Closure	8
Erlenmeyer Flask with Break Resistant Lip	9
Erlenmeyer Flask with Phenolic Rubber Lined Screw Cap	10
Erlenmeyer Flask with GL45 Linerless Polypropylene Screw Cap & Pouring Ring	11
Volumetric Flask Clear TC & Amber Stained TC.....	11
Fernbach Flask with GL45 Polypropylene Membrane Cap & Pouring Ring	12
Fernbach Flask without Baffles	12
Fernbach Flask with 3 Sided Baffles & Break Resistant Lip.....	12
Fernbach Flask with 3 Sided Baffles & GL45 Polypropylene Linerless Cap	12
Media Storage & Dispensing Flask with Break Resistant Lip	13
Fernbach Flask with 3 Bottom Baffles & 38mm DeLong Neck	13
Nephelo Flask with 3 Baffle & Clean-out Port & 38mm Cap.....	14
Nephelo Culture Flask with Cleanout Port & 38mm Cap...	14
Nephelo Culture Flask with 25mm Stainless Steel Closure	14
Nephelo Flask with 3 Bottom Baffles & 25mm Stainless Steel Closure.....	15



Shake Flask with 3 Sided Baffles DeLong Style Neck	15
Shake Flask with 3 Sided Baffles & Break Resistant Lip ..	16
Trypsinizing Flask with 3 Deep Sided Baffles & 15-415 Sidearm	16
Shake Flask with 3 Extra Deep Sided Baffles	17
Shake Flask with 4 Bottom Baffles & Constriction	18
Shake Flask with 3 Sided & Bottom Baffles with Membrane Cap & Pouring Ring	18
Impeller Assemblies.....	19
Bio-Probe Flask	19

FLASKS

SHAKE FLASK WITH 3 EXTRA DEEP SIDE BAFFLES & BREAK RESISTANT LIP

Borosilicate Glass Type 1, Class A.
For Bellco Orbital Shakers and Flask Accessory Trays.

Item Number	Description	Size	Case Qty
2542-00250	Shake Flask	250mL	12
2542-00300	Shake Flask	300mL	12
2542-00500	Shake Flask	500mL	12
2542-01000	Shake Flask	1L	6
2542-02000	Shake Flask	2L	3

2542-00250

2542-00300

2542-00500

2542-01000

2542-02000



ERLENMEYER FLASK NARROW MOUTH

Ideal for laboratory use. Graduated to approximate volumes.

Item Number	Description	Size	Case Qty
2505-00125	Erlenmeyer Flask	125mL	12
2505-00250	Erlenmeyer Flask	250mL	12
2505-00500	Erlenmeyer Flask	500mL	6
2505-01000	Erlenmeyer Flask	1000mL	6

2505-00125

2505-00250

2505-00500



FLASKS

DELONG CULTURE FLASK WITH STAINLESS STEEL CLOSURE

DeLong® culture flask with stainless steel closure. Ideal for growing, storing and mixing of aerobic and anerobic cultures. Borosilicate Glass Type 1, Class A.

Item Number	Description	Product	Case Qty
2510-00025	Complete	25mL	24
2510-00050	Complete	50mL	24
2510-00125	Complete	125mL	12
2510-00250	Complete	250mL	12
2510-00300	Complete	300mL	12
2510-00500	Complete	500mL	12
2510-01000	Complete	1000mL	6
2510-02000	Complete	2000mL	3
2510-03000	Complete	3000mL	3
2510-04000	Complete	4000mL	3
2510-06000	Complete	6000mL	3

2510-00125



2510-00250



2510-00300



2510-00500



2511-01000



2511-02000



2511-04000



2511-06000



DELONG CULTURE FLASK WITHOUT CLOSURE

Borosilicate Glass Type 1, Class A Graduated to approximate volumes. Stainless Steel (2005-series) or Polypropylene kap-uts (2007-series) closures sold separately.

Item Number	Description	Size	Case Qty
2511-00025	DeLong Culture Flask	25mL	24
2511-00050	DeLong Culture Flask	50ml	24
2511-00125	DeLong Culture Flask	125mL	12
2511-00250	DeLong Culture Flask	250mL	12
2511-00300	DeLong Culture Flask	300mL	12
2511-00500	DeLong Culture Flask	500mL	12
2511-01000	DeLong Culture Flask	1000mL	6
2511-02000	DeLong Culture Flask	200mL	3
2511-04000	DeLong Culture Flask	4000mL	3
2511-06000	DeLong Culture Flask	6000mL	3

FLASKS

ERLENMEYER FLASK WITH BREAK RESISTANT LIP

Ideal for media preparation, storage and dispensing. Narrow mouth with break-resistant lip that resists chipping. Graduated to approximate volumes.

Item Number	Description	Size	Case Qty
2504-00025	Erlenmeyer Flask	25mL	24
2504-00050	Erlenmeyer Flask	50mL	24
2504-00125	Erlenmeyer Flask	125mL	12
2504-00250	Erlenmeyer Flask	250mL	12
2504-00300	Erlenmeyer Flask	300mL	12
2504-00500	Erlenmeyer Flask	500mL	12
2504-01000	Erlenmeyer Flask	1000mL	6
2504-02000	Erlenmeyer Flask	2000mL	3
2504-03000	Erlenmeyer Flask	3000mL	3
2504-04000	Erlenmeyer Flask	4000mL	3
2504-06000	Erlenmeyer Flask	6000mL	3

2504-00025



2504-00125



2504-00250



2504-00300



2504-01000



2504-02000



2504-03000



2504-04000



2504-06000



FLASKS

ERLENMEYER FLASK WITH PHENOLIC RUBBER LINED SCREW CAP

Ideal for media preparation, storage and dispensing. Graduated to approximate volumes.

Item Number	Description	Size	Case Qty
2514-00025	Erlenmeyer Flask With Cap	25ml	24
2514-00050	Erlenmeyer Flask With Cap	50ml	24
2514-00125	Erlenmeyer Flask With Cap	125ml	12
2514-00250	Erlenmeyer Flask With Cap	250ml	12
2514-00300	Erlenmeyer Flask With Cap	300ml	12
2514-00500	Erlenmeyer Flask With Cap	500ml	12
2514-01000	Erlenmeyer Flask With Cap	1000ml	6
2514-02000	Erlenmeyer Flask With Cap	2000ml	3
2514-03000	Erlenmeyer Flask With Cap	3000ml	3
2514-04000	Erlenmeyer Flask With Cap	4000ml	3
2514-06000	Erlenmeyer Flask With Cap	6000ml	3

2514-00025



2514-00050



2514-00125



2514-00500



2514-01000



2514-02000



2514-03000



2514-04000



2514-06000



FLASKS

ERLENMEYER FLASK WITH GL45 LINERLESS POLYPROPYLENE SCREW CAP & POURING RING

Manufactured from Type 1, Class A Borosilicate and ideal for all culture and media preparation/storage purposes. GL45 blue polypropylene linerless screw caps and pouring rings and graduated to approximate volumes.

Item Number	Description	Size	Case Qty
2515-00250	Erlenmeyer Flask	250mL	12
2515-00500	Erlenmeyer Flask	500mL	12
2515-01000	Erlenmeyer Flask	1000mL	6
2515-02000	Erlenmeyer Flask	2000mL	3
2515-04000	Erlenmeyer Flask	4000mL	1
2515-06000	Erlenmeyer Flask	6000mL	1

2515-00250



2515-00500



2515-01000



2515-02000



2515-04000



VOLUMETRIC FLASK CLEAR TC & AMBER STAINED TC

MEET ASTM E288 specifications Borosilicate Glass, Type 1, Class A permanent graduation line & marking area.

Item Number	Description	Size	Case Qty
2525-00010	Clear Flask	10mL	6
2525-00025	Clear Flask	25mL	6
2525-00050	Clear Flask	50mL	4
2525-00100	Clear Flask	100mL	4
2525-00200	Clear Flask	200mL	4
2525-00250	Clear Flask	250mL	4
2525-00500	Clear Flask	500mL	2
2525-01000	Clear Flask	1L	2
2525-02000	Clear Flask	2L	2
2526-00010	Amber Flask	10mL	6
2526-00025	Amber Flask	25mL	6
2526-00050	Amber Flask	50mL	4
2526-00100	Amber Flask	100mL	4
2526-00200	Amber Flask	200mL	4

2525-00050



2550-01800



FERNBACH FLASK WITHOUT BAFFLES

Ideal for cell culture, sample storage and mixing.

Item Number	Description	Size	Case Qty
2550-01800	Fernbach Flask	1800mL	3
2550-02800	Fernbach Flask	2800mL	3

2551-01800



FERNBACH FLASK WITH 3 SIDED BAFFLES & BREAK RESISTANT LIP

Ideal for cell culture, sample storage and mixing.

Item Number	Description	Size	Case Qty
2551-01800	Fernbach Flask	1800mL	3
2551-02800	Fernbach Flask	2800mL	3

2552-01800



FERNBACH FLASK WITH 3 SIDED BAFFLES & GL45 POLYPROPYLENE LINERLESS CAP

Item Number	Description	Size	Case Qty
2552-01800	Fernbach Flask	1800mL	1
2552-02800	Fernbach Flask	2800mL	1
2552-02833	Fernbach Flask	2800mL	1

2552-18000



FERNBACH FLASK WITH GL45 POLYPROPYLENE MEMBRANE CAP & POURING RING

Type 1 Class A Borosilicate Glass. 3 sided baffles positioned at 120 degree and 3 bottom baffles offset from the side baffles. Membrane cap has 0.2u PTFE membrane and can be tightened during autoclaving.

Item Number	Description	Size	Case Qty
2552-18000	Fernbach Flask	1800mL	1
2552-28000	Fernbach Flask	2800mL	1
2552-01803	Fernbach Flask	1800mL	1
2552-02803	Fernbach Flask	2800mL	1
2552-62180	Fernbach Flask	1800mL	1
2552-62280	Fernbach Flask	2800mL	1

FLASKS

2554-01800



FERNBACH FLASK WITH 3 BOTTOM BAFFLES & 38MM DELONG NECK

Manufactured from Type 1 Class A Borosilicate Glass and designed for culturing organisms requiring a large surface area-to-volume ratio. Flask features a 38mm DeLong® style neck and can be used with a 38mm stainless steel closure 2005-00038 (sold separately).

Item Number	Description	Size	Case Qty
2554-01800	Fernbach Flask	1800mL	3
2554-02800	Fernbach Flask	2800mL	3
2554-02833	Fernbach Flask	2800mL	3

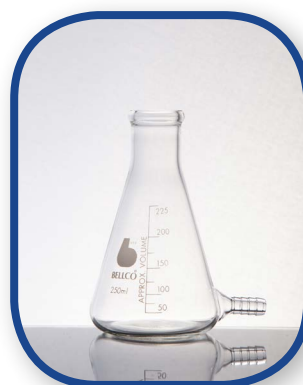
MEDIA STORAGE & DISPENSING FLASK WITH BREAK RESISTANT LIP

Bottom hose connection is graduated to approximate volumes & the heavy duty break resistant neck provides an excellent fit for rubber stoppers. All flasks are manufactured from Type 1 Class A Borosilicate Glass. Silicone tubing I.D. For hose connection on sizes 250mL to 2000mL is 3/8"; 4000mL & 6000mL is 1/2".

Note: Not for vacuum use.

Item Number	Description	Size	Case Qty
2530-00250	Media Dispensing Flask	250mL	6
2530-00500	Media Dispensing Flask	500mL	6
2530-01000	Media Dispensing Flask	1L	6
2530-02000	Media Dispensing Flask	2L	3
2530-04000	Media Dispensing Flask	4L	3
2530-06000	Media Dispensing Flask	6L	2

2530-00250



2530-00500



2530-01000



2530-02000



2530-04000



2530-06000



2574-12133



NEPHELO CULTURE FLASK WITH CLEANOUT PORT & 38MM CAP

Manufactured From Type 1 Class A Borosilicate Glass with cleanout port and depressed sidearm. Black phenolic rubber lined 38-415 center cap and 18-415 sidearm cap.

Item Number	Description	Size	Case Qty
2574-12133	Nephelo Flask	300mL	4
2574-14133	Nephelo Flask	300mL	4
2574-19133	Nephelo Flask	300mL	4
2574-12135	Nephelo Flask	500mL	4
2574-14135	Nephelo Flask	500mL	4
2574-19135	Nephelo Flask	500mL	4
2574-12131	Nephelo Flask	1L	4
2574-14131	Nephelo Flask	1L	4
2574-19131	Nephelo Flask	1L	4

2571-14130



NEPHELO CULTURE FLASK WITH 25MM STAINLESS STEEL CLOSURE

Manufactured from Type 1 Class A Borosilicate with DeLong® neck and 25 mm stainless steel closure. Ideal for growing, storing and mixing of aerobic and anaerobic cultures.

Item Number	Description	Size	Case Qty
2571-14130	Nephelo Flask	125mL	4
2571-14133	Nephelo Flask	300mL	4

NEPHELO FLASK WITH 3 BAFFLE & CLEAN-OUT PORT & 38MM CAP

Manufactured from Type 1 Class A Borosilicate Glass with cleanout port and depressed sidearm. Flask has a 38-415 black phenolic rubber lined cap and 18-415 sidearm cap. Baffles increase oxygenation of culture.

Item Number	Description	Size	Case Qty
2581-14133	Nephelo Flask	300mL	4
2581-19133	Nephelo Flask	300mL	4
2581-14135	Nephelo Flask	300mL	4
2581-19135	Nephelo Flask	300mL	4

2581-14133



FLASKS

NEPHELO FLASK WITH 3 BOTTOM BAFFLES & 25MM STAINLESS STEEL CLOSURE

Manufactured From Type 1 Class A Borosilicate Glass With 3 Bottom Baffles And DeLong® Neck. Flask includes a 25mm Bellco stainless steel closure. Ideal for growing, storing and mixing of aerobic and anaerobic cultures.

Item Number	Description	Size	Case Qty
2578-12133	Nephelo Flask	300mL	4
2578-14133	Nephelo Flask	300mL	4
2578-19133	Nephelo Flask	300mL	4

2578-12133



SHAKE FLASK WITH 3 SIDE BAFFLES DELONG STYLE NECK

Ideal for preliminary fermentation and bacterial growth studies.

- DeLong® style neck and three side baffles equally spaced
- Borosilicate Glass Type 1, Class A
- Closures Sold Separately

Item Number	Description	Size	Case Qty
2540-00050	Shake Flask	50mL	12
2540-00125	Shake Flask	125mL	12
2540-00250	Shake Flask	250mL	12
2540-00300	Shake Flask	300mL	12
2540-00500	Shake Flask	500mL	12
2540-01000	Shake Flask	1L	6
2540-02000	Shake Flask	2L	3

2540-00250



2540-00500



2540-01000



2540-02000



FLASKS

SHAKE FLASK WITH 3 SIDE BAFFLES & BREAK RESISTANT LIP

Manufactured from Type 1 Class A Borosilicate Glass with rigidly controlled baffle angles and depths to promote optimal oxygen transfer while reducing vortex formation. Flask has break resistant lip to resist chipping and is designed for use with orbital shakers.

Item Number	Description	Size	Case Qty
2541-00125	Shake Flask	125mL	12
2541-00250	Shake Flask	250mL	12
2541-01000	Shake Flask	1L	6
2541-02000	Shake Flask	2L	3

2541-00125



2541-00250



2541-01000



2541-02000



TRYPSINIZING FLASK WITH 3 DEEP SIDE BAFFLES & 15-415 SIDEARM

Break Resistant Trypsinizing flask, graduated with 16mm sidearm cap, designed with deep side baffles for optimal agitation, promotes enzyme digestion of tissue fragments and homogenates into cell suspensions. Borosilicate Glass, Type 1, Class A, includes rubber lined, black phenolic screw caps. Integral dam contains non-trypsinized tissue during decanting and acid etched & filled graduations.

Item Number	Description	Size	Case Qty
1989-00125	Trypsinizing Flask	125mL	3
1989-00250	Trypsinizing Flask	250mL	3
1989-00500	Trypsinizing Flask	500mL	3
1992-00050	Trypsinizing Flask	50mL	3
1992-00125	Trypsinizing Flask	125mL	3
1992-00250	Trypsinizing Flask	250mL	3
1992-00500	Trypsinizing Flask	500mL	3
1992-01000	Trypsinizing Flask	1L	2
1992-02000	Trypsinizing Flask	2L	2
1992-04000	Trypsinizing Flask	4L	2

1989-00125



1989-00250



1989-00500



FLASKS

SHAKE FLASK WITH 3 EXTRA DEEP SIDE BAFFLES

Shake flasks are the basic tool for growth studies of aerobic microbial cultures and have rigidly controlled baffle angles and depths to promote optimal oxygen transfer while reducing vortex formation. Designed for use with orbital shakers.

Item Number	Description	Size	Case Qty
2543-00050	Shake Flask	50mL	12
2543-00125	Shake Flask	125mL	12
2543-00250	Shake Flask	250mL	12
2543-00300	Shake Flask	300mL	12
2543-00500	Shake Flask	500mL	12
2543-01000	Shake Flask	1L	6
2543-02000	Shake Flask	2L	3
2543-03000	Shake Flask	3L	3
2543-04000	Shake Flask	4L	3
2543-60250	Shake Flask	250mL	12
2543-60500	Shake Flask	500mL	12
2543-61000	Shake Flask	1L	6
2543-62000	Shake Flask	2L	3
2543-63000	Shake Flask	3L	3
2543-64000	Shake Flask	4L	3

2543-00050



2543-00125



2543-00250



2543-00300



2543-00500



2543-01000



2543-02000



2543-03000



2543-04000



FLASKS

SHAKE FLASK WITH 4 BOTTOM BAFFLES & CONSTRICTION

- DeLong® style neck
- Four extra deep bottom baffles
- Borosilicate Glass, Type 1, Class A

Item Number	Description	Size	Case Qty
2547-00250	Shake Flask	250mL	12
2547-00500	Shake Flask	500mL	12
2547-01000	Shake Flask	1L	6

2547-00250



2547-00500



2547-01000



SHAKE FLASK WITH 3 SIDE & BOTTOM BAFFLES WITH MEMBRANE CAP & POURING RING

Type 1 Class A Borosilicate Glass, 3 side baffles positioned at 120 degree and 3 bottom baffles offset from side baffles. GL45 polypropylene membrane cap has a sealed in 0.2µ PTFE membrane. Cap can be tightened during autoclaving.

Item Number	Description	Size	Case Qty
2545-00250	Shake Flask	250mL	12
2545-00500	Shake Flask	500mL	12
2545-01000	Shake Flask	1L	6
2545-02000	Shake Flask	2L	3
5637-00046	Caps	Membrane Cap	5

2545-00250



2545-00500



2545-01000



2545-02000



5637-00046



1965-97005



BIO-PROBE FLASK

BioProbe Spinner flask is ideal for small working volumes and allows the use of probes such as pH and DO probes.

The 32mm low sidearms allow for this insertion of probes. 32mm compression fittings, probes and port assemblies are sold separately.

Item Number	Description	Size	Case Qty
1965-97001	Vessel-Complete	1L	1
1965-97003	Vessel-Complete	3L	1
1965-97005	Vessel-Complete	500mL	1
1965-97050	Vessel	500mL	1
1965-97100	Vessel	1L	1
1965-97300	Vessel	3L	1

IMPELLER ASSEMBLIES

Item Number	Description	Size	Case Qty
1969-70100	Type 1 A Borosilicate glass rod impeller shaft for 25-100ml ahb spinner flasks	Glass Impeller Shaft, 25-100mL	1
1969-70238	Type 1 A Borosilicate glass rod impeller shaft for 3-liter flask.	Glass Shaft, 3L 238mm	1
1969-70250	Glass mc impeller shaft 7mm od x 155mm long Type 1 Class A boro for 100-250ml spinners	Glass Impeller Shaft, 100-250mL	1
1969-70500	Glass mc impeller shaft 7mm od x 190mm long Type 1 Class A boro for 500ml spinners	Glass Impeller Shaft, 500mL	1
1969-71000	Type 1 Class A Borosilicate glass 7mm od x 230mm long for mc impeller assemblies	Glass Impeller Shaft, 1L	1
1969-73000	Type 1 Class A Borosilicate glass 7mm od x 300mm long Type 1 Class A boro for 3L spinners	Glass Impeller Shaft, 3L Micro-Carrier	1

1969-70250



BELCO PIPETTES

22

Serological Pipette with Cotton Plugging Top Mixed Bulk-Pak.....	22
Serological Pipette with Cotton Plugging Top Bulk-Pak.....	22
Serological Pipette Plain Top Bulk-Pak.....	22
Serological Plain Top "SHORTIE" Pipette Bulk-Pak.....	23
Serological Pipette with Cotton Plugging Top.....	23
Serological Pipette Plain Top.....	23
Stainless Steel Pipette Cans with & without Silicone Pad..	24
Serological Plain Top "SHORTIE" Pipette.....	24
Serological "Shortie" Pipette with Cotton Plugging Top	24
Large Orifice Serological "Shortie" Pipette Cotton Plug Top.....	25
Large Orifice Serological Pipette with Cotton Plugging Top	25
Pasteur Pipette No Constriction	25
Pasteur Pipette Bent Tip	25
Disposable Pasteur Pipette	26
Pipette Canister Cushion PTFE	26
Round Bottom Glass Pipette Canister	26
Flat Bottom Glass Pipette Canister.....	27
Can Mounting Plate	27
Cover Slip Vac	27
Glass COVER SLIP	28
Round Cover Slips German Glass.....	28
Sponge Closure	29
Rubber Stopper.....	29
Sykes-Moore Culture Chamber	29
PTFE Stirring Bar.....	29

BELCO HOMOGENIZERS

30

Conical Tissue Homogenizer with Ground Glass Tube & Pestle	30
Biovortexer Motor	30
Homogenizer Drive.....	30
Tenbroeck Tissue Homogenizer with Ground Glass Tube & Pestle	30
Potter-Elvehjem Tissue Homogenizer, Ground & Unground Glass Tube & Pestle	31
Dounce Tissue Homogenizer with Glass Tube & Pestle	31
Collector Tissue Sieve Homogenizer and Mesh Screens ..	31



TUBES

32

Leighton Tubes	32
Round Bottom Plain Top Culture Tube (Disposable).....	32
Plain Top Culture Tube Round Bottom	32
Leighton Tube Rack	32
Screw Cap Culture Tube Round Bottom 16X150mm with Belco Logo	33
Hungate Type Anaerobic Culture Tube	33
Stainless steel Tube Rack	34
Culture Tube Rack	34
Anaerobic Tube Only	35
Anaerobic Tube & Stopper	35
Conical Bottom Centrifuge Tube	35
Hand Operated Crimper	35
Rubber Cushion For Conical Bottom Centrifuge Tubes	35

BELCO VIALS

36

Snap-Ring Vials.....	36
Screw Thread Vials.....	36
13 mm Screw Thread Vials	36
11 Mm Aluminum Seal Vial	37
Vial Accessories.....	37
8x40 mm Shell Vial with Plug Insert	37
Silicone Sponge Closure	38
Stainless steel Closure	38

Continued on page 21

Continued from page 20

KAP-UTS	39
Black Phenolic Screw Cap Assembly For Adjustable Hanging Bar Spinner Flask.....	39
PTFE Silicone Septa	39
Closures & Septa	40
Cloning Cylinders	40
Aluminum Seal & Snap Ring Closures.....	40
Disinfectant Cylinder	40
Autoclave Sterilization Bags	41
Biometer Flask.....	41
Freeze Drying Ampoule	41
Autoclave Sterilization Bag Holder	41
Detergent	42
Aseptic Filling Bell	42
Griffin Beaker Heavy Wall	43
Class A Graduated Cylinder	43
Griffin Beaker Standard Wall	43

BOTTLES 44

DeLong® Roux Culture Bottle.....	44
Media Storage Bottle with White Rubber Lined Phenolic Cap	44
Media Storage Bottle with Blue Polypropylene Linerless Cap.....	44
Anaerobic Media Bottle	45
Anaerobic Bottle with Screw Cap	45
Anaerobic Agar Bottle Complete.....	45
Square Media Storage Bottle with Blue Polypropylene Linerless Cap.....	45
Media Bottle with Blue Storage Cap	46
Media Storage Bottle without Cap Clear & Amberized	46
Roller Bottle	47
Roller Bottle Accessories	47

CAPS AND RINGS 48

Black Phenolic Screw Cap.....	48
Open Top Screw Cap	48
Premium Screw Cap	48
Solid Polypropylene Screw Cap	49
Hi-Temp Red Screw Cap.....	49
Membrane Screw Cap	49
Premium Pouring Ring	49
Hi-Temp Red Pouring Ring	49
Polypropylene Pouring Ring.....	49
Reservoir Cap Assy	50
Microscope Slides.....	50
Petri Dish Spreader	50
Cell Scraper.....	50
Air Filter Tube.....	51
Silicone Tubing.....	51
Nylon Mesh	51
Basic Pipet Aid.....	52
Portable Pipet Aid	52
Portable Pipet Aid XP	52

BELCO PIPETTES

Bellco manufactures all precision pipettes from Type 1 Class A Borosilicate Glass. All Bellco pipettes feature tempered tips and permanent silk screened graduations to withstand repeated usage and alkali washings.

SEROLOGICAL PIPETTE WITH COTTON PLUGGING TOP MIXED BULK-PAK

- Three sizes in one case 75 pipettes for each size (supplied with cotton)

Item Number	Tolerance	OAL (mm)	Color Code	Size	Case Qty
1200-01510	0.02, 0.04, 0.06	350	Yellow, Blue, Orange	1mL, 5mL and 10mL	250

SEROLOGICAL PIPETTE WITH COTTON PLUGGING TOP BULK-PAK

- Plain top promotes rapid, even flow.
- Calibrated to tip -tempered tip; to deliver; blow out.

Item Number	Tolerance	OAL (mm)	Color Code	Size	Case Qty
1200-01001	0.02	350	Yellow	1x.01mL	250
1200-02010	0.2	350	Green	2x.1mL	250
1200-05010	0.04	350	Blue	5x.1mL	250
1200-10010	0.06	350	Orange	10x.1mL	250
1200-25010	0.1	400	White	25x.1mL	250

1200-01001



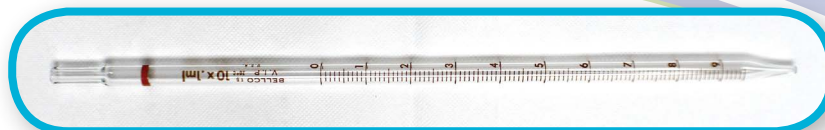
SEROLOGICAL PIPETTE PLAIN TOP BULK-PAK

Serological pipette, bulk-pak, td.

- Plain top promotes rapid, even flow.
- Calibrated to tip -tempered tip; to deliver; blow out.

Item Number	Tolerance	OAL (mm)	Color Code	Size	Case Qty
1202-00201	0.008	325	Black	.2x.01mL	250
1202-01001	0.02	350	Yellow	1x.01mL	250
1202-02010	0.02	350	Green	2x.1mL	250
1202-05010	0.04	350	Blue	5x.1mL	250
1202-10010	0.06	350	Orange	10x.1mL	250
1202-25010	0.1	400	White	25x.1mL	250

1202-10010



SEROLOGICAL PLAIN TOP “SHORTIE” PIPETTE BULK-PAK

- Shorter length facilitates use under biological hoods.
- Plain top promotes rapid, even flow. (use rubber bulb to fill).

Item Number	Description	Tolerance	OAL (mm)	Color Code	Size	Case Qty
1204-02010	-	0.025	160	Green	2x.1mL	150
1204-05010	-	0.08	160	Blue	5x.1mL	150
1206-01010	Cotton Plugging Tip	0.02	175	Red	1x.1mL	150
1206-02010	Cotton Plugging Tip	0.025	175	Green	2x.1mL	150
1206-05010	Cotton Plugging Tip	0.08	175	Blue	5x.1mL	150

SEROLOGICAL PIPETTE WITH COTTON PLUGGING TOP

- Constricted top for cotton plugging. Supplied with cotton.

1210-01010



Item Number	Tolerance	OAL (mm)	Color Code	Size	Case Qty
1210-00201	0.008	330	Black	.2x.01mL	18
1210-01001	0.02	350	Yellow	1x.01mL	18
1210-01010	0.02	350	Red	1x.1mL	18
1210-02001	0.02	350	White (2)	2x.01mL	18
1210-02010	0.02	350	Green	2x.1mL	18
1210-05010	0.04	350	Blue	5x.1mL	18
1210-10010	0.06	350	Orange	10x.1mL	18
1210-25010	0.1	400	White	25x.1mL	18
1210-50020	0.4	685	Red	50x.2mL	12

SEROLOGICAL PIPETTE PLAIN TOP

Serological pipette, TD -plain top promotes rapid, even flow.

- Calibrated to tip
- Tempered tip; to deliver; blow out

Item Number	Tolerance	OAL (mm)	Color Code	Size	Case Qty
1212-01001	0.02	350	Yellow	1x.01mL	18
1212-02010	0.02	350	Green	2x.1mL	18
1212-05010	0.04	350	Blue	5x.1mL	18
1212-10010	0.06	350	Orange	10x.1mL	18
1212-25010	0.1	400	White	25x.1mL	18

1212-10010



STAINLESS STEEL PIPETTE CANS WITH & WITHOUT SILICONE PAD

1217-22216



Heavy gauge rectangular construction for easy stacking and storage. These pipette cans can be sterilized by autoclave or dry heat. (do not exceed 400 degrees F). Includes silicone pad on the inside of top and bottom to protect pipette tips.

- Satin finish surface of entire can for convenient marking or coding.
- Silicone pads on inside of top and bottom protect pipette tips.
- Material: 304 stainless steel .031" thick

Item Number	Size	Case Qty
1217-00409	11 x 11 x 24cm	1
1217-11106	6 x 6 x 16cm	1
1217-11109	6 x 6 x 24cm	1
1217-11116	6 x 6 x 41cm	1
1217-22216	7 x 7 x 41cm	1
1217-22218	7 x 7 x 46cm	1

Without Silicone Pads

1217-90109	6 x 6 x 24cm	1
1217-90216	7 x 7 x 41cm	1
1217-90218	7 x 7 x 46cm	1

1224-05010



SEROLOGICAL PLAIN TOP "SHORTIE" PIPETTE

Plain top promotes rapid, even flow.
(use rubber bulb to fill)

Item Number	Tolerance	OAL (mm)	Color Code	Size	Case Qty
1224-02010	0.025	160	Green	2x.1mL	18
1224-05010	0.08	160	Blue	5x.1mL	18

1226-25050



SEROLOGICAL "SHORTIE" PIPETTE WITH COTTON PLUGGING TOP

Constricted top for cotton plugging.
(supplied without cotton)

Item Number	Tolerance	OAL (mm)	Color Code	Size	Case Qty
1226-01010	0.02	175	Red	1x.1 mL	18
1226-02010	0.025	175	Green	2x.1mL	18
1226-05010	0.08	175	Blue	5x.1mL	18
1226-25050	0.25	350	White	25x.5mL	18

LARGE ORIFICE SEROLOGICAL "SHORTIE" PIPETTE COTTON PLUG TOP

Serological "shortie" pipette w/cotton plugging top & large orifice, TD -3mm orifice for handling tissue homogenates and cell suspensions.

- Shorter length than standard pipettes for use under biological hoods
- Plain top promotes rapid, even flow (use rubber bulb to fill)

Item Number	Tolerance	OAL (mm)	Color Code	Size	Case Qty
1228-05010	0.14	175	Blue	.5x.1mL	18
1228-25050	0.25	225	White	25x.5mL	18

1228-05010



- Calibrated to tip
- Tempered tip; to deliver; blow out

LARGE ORIFICE SEROLOGICAL PIPETTE WITH COTTON PLUGGING TOP

Serological pipette with cotton plugging top and large orifice -3mm orifice for handling tissue homogenates, cell suspensions.

- Constricted top for cotton plugging. (supplied without cotton)
- Calibrated to tip

Item Number	Tolerance	OAL (mm)	Color Code	Size	Case Qty
1232-25010	0.1	400	White	25x.1mL	18
1232-50020	0.5	470	Red	50 x .2mL	12

1232-50020



- Tempered tip; to deliver; blow out.

PASTEUR PIPETTE NO CONSTRICTION

Straight tip with 1.5 to 2mm orifice.

Item Number	Body O.D (mm)	Body Length (in)	Tip Length (in)	Size	Case Qty
1271-40004	8	4	4	4x4in	288
1271-50003	8	5	3	5X4	288
1271-60002	8	6	2	6X3	288

1271-40004



PASTEUR PIPETTE BENT TIP

Bent tip with 1.5 to 2mm orifice.

Item Number	OAL (mm)	Body Length (in)	Tip Length (in)	Size	Case Qty
1273-40004	8	4	4	4x5	144
1273-50003	8	5	3	5x3	144
1273-60002	8	6	2	6x2	144

1273-40004



DISPOSABLE PASTEUR PIPETTE

Ideal for transfer of infectious materials, culture media and routine sampling.

Item Number	Description	OAL (mm)	Body Length (in)	Tip Length (in)	Case Qty
1277-10005	Borosilicate Glass	5.75	2.25	3.5	1000
1277-10009	Borosilicate Glass	9	5	4	1000
1277-20005	Flint Glass	5.75	2.25	3.5	1000
1277-20009	Flint Glass	9	5	4	1000
1278-10005	Cotton Plug Top Borosilicate Glass	5.75	2.25	3.5	1000
1278-10009	Cotton Plug Top Borosilicate Glass	9	5	4	1000
1278-20005	Cotton Plug Top Flint Glass	5.75	2.25	3.5	1000
1278-20009	Cotton Plug Top Flint Glass	9	5	4	1000

1277-10005



PIPETTE CANISTER CUSHION PTFE

Stabilizes pipette canister during use. And can be repeatedly sterilized using dry heat or steam heat.

- Completely non-toxic, lint free, permanently resilient.

1286-88815



Item Number	Size	Case Qty
1286-88815	38 mm	1
1286-88825	63mm	1

ROUND BOTTOM GLASS PIPETTE CANISTER

Canister Only

Silicone Pad (complete)

- Manufactured from type 1, Class A Borosilicate Glass.
- Components will withstand repeated dry or steam heat sterilization.
- Bottom pad prevents breakage of pipette tips. 38mm stainless steel closure.

1287-00135



Item Number	Description	Size	Case Qty
1287-00135	Canister Only	38x135mm	6
1287-00250	Canister Only	38x250mm	6
1287-00300	Canister Only	38x300mm	
1287-00430	Canister Only	38x430mm	
1287-38135	Canister Complete	38x135mm	6
1287-38250	Canister Complete	38x250mm	6
1287-38300	Canister Complete	38x300mm	6
1287-38430	Canister Complete	38x430mm	6

1288-11111



CAN MOUNTING PLATE

Mounting plate for pipette cans

- Stabilizes pipette canisters during use
- Stainless steel construction
- Use with 38mm OD glass pipette canisters dimensions: 90 x 90mm

Item Number	Size	Case Qty
1288-11111	90x90mm	6

FLAT BOTTOM GLASS PIPETTE CANISTER

Canister Only

Silicone Pad (complete)

- Manufactured from Borosilicate glass.
- All components will withstand repeated dry or steam heat sterilization.
- Bottom pad prevents chipping of pipette tips.

1290-00130



Item Number	Description	Size	Case Qty
1290-00130	Canister Only	38X130mm	6
1290-00250	Canister Only	38X250mm	6
1290-00300	Canister Only	38X300mm	6
1290-00430	Canister Only	38X430mm	6
1290-38130	Canister Complete	38X130mm	6
1290-38250	Canister Complete	38X250mm	6
1290-38300	Canister Complete	38X300mm	6
1290-38430	Canister Complete	38X430mm	6

1943-70000



COVER SLIP VAC

This handy little tool can be used to assist in handling cover slips. Small suction pick-up tool has a 1/4" diameter tip that is ideal for handling cover slips. The suction cup is clear for easy viewing of the cover slip being held.

Item Number	Description	Size	Case Qty
1943-70000	Coverslips	Cover Slip Vac	1

GLASS COVER SLIP

Ideal for neural tissue cell cultures and hard to attach cells. Specifically developed for fluorescence and confocal microscopy. Provides quality, reliability, and performance for all laboratory microscopy needs.

-#1 thickness (0.13 to 0.16)

1916-24050A

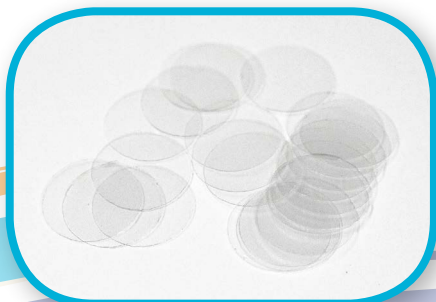


Item Number	Description	Size	Case Qty
1916-09009A	Cover Slip	9x9mm, #1 Thick	100
1916-09022A	Rectangular Cover Slip	9x22 mm #1 Thick	100
1916-09035A	Cover Slip	9x35mm, #1 Thick	100
1916-09050A	Rectangular Cover Slip	9x50mm #1 Thick	100
1916-10522A	Rectangular Cover Slip	10.5x22mm #1 Thick	100
1916-10535A	Rectangular Cover Slip	10.5x35mm #1 Thick	100
1916-10550A	Rectangular Cover Slip	10.5x50mm, #1 Thick	100
1916-12222A	Cover Slip	22x22mm, #1 Thick	100
1916-13054A	Rectangular Cover Slip	13x54mm #1 Thick	100
1916-24050A	Cover Slip	24x50mm, #1 Thick	100
1916-25075	Cover Slip	25x75mm, #1 Thick	100
1943-00005	Round Cover Slip	5mm	100

ROUND COVER SLIPS GERMAN GLASS

Ideal for neural tissue cell cultures and hard to attach cells. Specially developed for fluorescence and confocal microscopy.

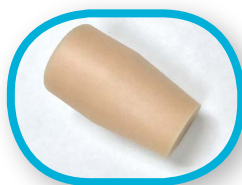
1943-10012A



Item Number	Description	Size	Case Qty
1916-91012	Photo-Etched German Coverslip	12mm	25
1916-91025	Photo-Etched German Coverslip	25mm	25
1916-91818	Photo-Etched German Coverslip	18 x 18mm	25
1916-92525	Photo-Etched German Coverslip	23 x 23mm	25
1943-10012A	Round German Coverslip	12mm	100
1943-10015A	Round German Coverslip	15mm	100
1943-10025A	Round German Coverslip	25mm	100

SPONGE CLOSURE

1924-00032



The silicone sponge closure is suitable for cultivation of aerobic microorganisms. Can withstand heat up to 350 degree Celsius, if it lasts only

for a short time so that the flame sterilization can be performed. Can be used the same way as a cotton plug for the cultivation growth of microbes.

Excellent chemical resistance and can be washed with hot water, also with neutral detergents. Due to its hydrophobic property it prevents microbes from proliferating on its surface even at high atmosphere moisture.

- Tapered silicone sponge with smooth exterior for tight seal
- Extra long for easy insertion and removal

Item Number	Size	Case Qty
1924-00032	32mm Tapered	25

- Fits 25mm culture tubes 32mm sidearms
- Air permeability, easy handling, high heat resistance

RUBBER STOPPER

1925-11110



Non-Toxic silicone rubber stopper closure.

Item Number	Description	Size	Case Qty
1925-00002	Stoppers	Rubber Stopper,#2	144
1925-11110	Stoppers	Rubber Stopper,#0	144
1925-22200	Stoppers	Rubber Stopper,#00	144
1927-11110	Stoppers	Rubber Stopper,#0	36

SYKES-MOORE CULTURE CHAMBER

1943-11111



Study cells by high magnification, phase optics, or time lapse. Cover Slips are separated by a silicone gasket to maintain internal seal. 2.83cm viewing area holds approximately 0.65-0.75mL. Made from brass. Wrench assembly is required and sold separately.

Item Number	Description	Size	Case Qty
1943-11111	Chamber Only	0.250" x 1.250"	1
1943-33315	Silicone Gasket	1" x 7/8" x 1/16"	6
1943-33325	Silicone Gasket	1" x 3/4" x 1/8"	6
1943-20002	Round Cover Slip #2 Thickness	25mm	100
1943-22115	Silicone Gasket	25mm	6
1943-55555	Holder	3" x 1 1/2" x 3/16"	1
1943-44444	Wrench	1 3/4" x 1 1/2" x 1/2"	1

PTFE STIRRING BAR

1975-00100



Magnetic stirring bars are excellent for mixing media and buffer solutions. Ideal for procedures using all Bellco magnetic stirrers. Molded, seamless PTFE construction.

Item Number	Size	Case Qty
1975-00100	25.4mm	6
1975-00158	41.3mm	6
1975-00200	50.8mm	6
1975-00300	76.2mm	3
1975-00314	82.6mm	2

BELLCO HOMOGENIZERS

CONICAL TISSUE HOMOGENIZER WITH GROUND GLASS TUBE & PESTLE

The conical tissue homogenizer is designed for use with homogenizing motors.

- Ideal for tissues such as muscle, heart and lung.
- The conical tissue homogenizer has a large area for most efficient grinding.
- The clearance between pestles is .004"-.006".

1976-10020



Item Number	Case Qty
1976-10020	1
1976-10021	1
1976-10022	1
1976-10023	1
1976-10024	1
1976-10025	1

BIOVORTEXER MOTOR

Biovortexer motor is a lightweight, battery powered unit designed to be used with microcentrifuge tubes. Centrifugal pellets, precipitates, and other solids are completely dispersed in seconds by a combination of mechanical & vortex action. A new polypropylene stir rod is used with each sample. A practical alternative to conventional vortex mixer for mixing & dispersing samples, the Biovortexer is faster, less tedious, & safer.

Take the Biovortexer to the sample instead of the sample to the mixer. Disposable stirring rods are used to eliminate cross-contamination from sample to sample.

Item Number	Description	Case Qty
1980-50000	Biovortexer Motor Battery Powered	1

HOMOGENIZER DRIVE

Homogenizer drives are used for dis-aggregating tissue samples into individual cells. The drive motor can be set to a special rpm depending on the type of cell being used. The drives are typically bolted to an upright stand for support during the operation.

Our stand is for general purpose, however any lab stand would be appropriate. Stand is sold separately. High speed shaft: 4000rpm (26 in-lb torque) Low speed shaft: 333rpm (3.6 in-lb torque) Electronic motor controller, Switch for reversing pestle direction.

Item Number	Description	Size	Case Qty
1981-20115	115v/60Hz/2.5A	-	1
1981-20230	230v/50Hz/2.5A	-	1
1981-30000	Homogenizer Stand		1
1981-40000	Flexgrip chuck for 10mm pestle glass and stirrer rods	10mm	1
1981-50000	Flexgrip chuck for 6mm pestle glass and stirrer rods	6mm	1

TENBROECK TISSUE HOMOGENIZER WITH GROUND GLASS TUBE & PESTLE

Hollow glass pestle allows addition of ice water for chilling samples during homogenization. All glass construction primarily for manual operation. Interior of the pestle is hollow allowing to reduce heat generated in the grinding process. It can be used with a laboratory stirrer at low speed if a rubber stopper is inserted in the top of the pestle.

A short steel rod (sold separately) completes the connection to the Jacobs chuck. The clearance between pestles is .004"-.006".

Item Number	Description	Size	Case Qty
1982-10002	Stopper Number 00	2mL	1
1982-10007	Stopper Number 00	7mL	1
1982-10015	Stopper Number 1	15mL	1
1982-10040	Stopper Number 3	40mL	1

1982-10015



POTTER-ELVEHJEM TISSUE HOMOGENIZER, GROUND & UNGROUND GLASS TUBE & PESTLE

Ground Glass

- Clearance between pestle and tube is .004"-.006".
- Suitable for connective tissue processing.

Unground

- Sizes 21-24 have radial serrations on lower portion of the pestle.
- Clearance between pestles and tubes is .004"-.006".
- Suitable for softer tissues such as brain and liver.

1983-10019



Item Number	Description	Case Qty
1983-10019	Ground Glass	1
1983-10021	Ground Glass	1
1983-10022	Ground Glassr	1
1983-10023	Ground Glass	1
1983-10024	Ground Glass	1
1983-20018	Unground Glass	1
1983-20019	Unground Glass	1
1983-20020	–	1
1983-20021	–	1
1983-20020	Unground Glass	1
1983-20021	Unground Glass	1
1983-20022	Unground Glass	1
1983-20023	Unground Glass	1
1983-20024	Unground Glass	1

DOUNCE TISSUE HOMOGENIZER WITH GLASS TUBE & PESTLE

Designed for disruption of whole cells leaving cell nuclei undamaged.

- Two pestles supplied with each unit.
- Large clearance pestle A for initial sample processing.
- Small clearance pestle B completes homogenization.

1984-10002



Item Number	Size	Case Qty
1984-10002	60mm	1
1984-10007	125mm	1
1984-10015	157mm	1
1984-10040	215mm	1
1984-10100	232mm	1

COLLECTOR TISSUE SIEVE HOMOGENIZER AND MESH SCREENS

- Prepare cell suspensions and gel extraction of proteins.
- All stainless steel construction.
- Available with 85mL or 130mL pans.

1985-13000



Item Number	Description	Size	Case Qty
1985-85000	Collector Complete	85mL	1
1985-13000	Collector Complete	130mL	1
1985-18500	Collector Pan & Key Only	85mL	1
1985-11300	Collector Pan & Key Only	130mL	1
1985-28500	Collector Key Only	–	1
1985-11516	Glass Pestle Only	16mm	1
1985-00010	Screen Only	10mesh 1911	5
1985-00020	Screen Only	20mesh 861	5
1985-00030	Screen Only	30mesh 521	5
1985-00040	Screen Only	40mesh 381	5
1985-00050	Screen Only	50mesh 281	5
1985-00060	Screen Only	60mesh 231	5
1985-00080	Screen Only	80mesh 191	5
1985-00100	Screen Only	100mesh 141	5
1985-00150	Screen Only	150mesh 95	5
1985-00200	Screen Only	200mesh 74	5
1985-00300	Screen Only	300mesh 47	5
1985-00400	Screen Only	400mesh 39	5
1985-00500	Screen Only	500mesh 26	5

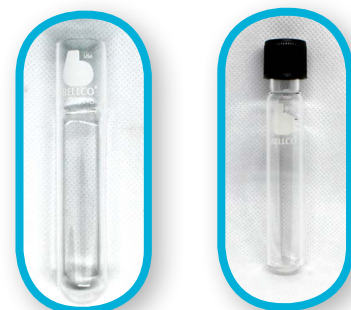
TUBES

LEIGHTON TUBES

Leighton culture tubes are useful for the study of pathogenic effects on viruses on cells. As well as, sponge mixture studies. Use cover slips for preparing explant tissue cultures with Leighton culture tubes. Manufactured from Type 1 Class A Borosilicate Glass.

Short style Leighton tubes have extra long working area yet short overall length that promotes convenient handling. Short neck allows easy entry and removal of cover slips.

1903-19095 1904-16095



Item Number	Description	Tube Size (mm)	Window Size (mm)	Cover Slip Size (mm)	Size	Case Qty
1903-19095	Plain Top Leighton Tube Short Style	19 x 95	14 x 55	13 x 27, 13 x 54	19 x 95mm	36
1906-16150	Plain Top Leighton Tube	16 x 150	11 x 37	13 x 27, 13 x 54	16 x 150mm	36
1908-16125	Short Style w/ Screw Cap	16 x 125	11 x 37	9 x 9, 9 x 22, 9 x 35	16 x 125mm	36
1904-16095	Short Style w/ Screw Cap	16 x 93	11 x 55	9 x 9, 9 x 22, 9 x 50	16x93mm	36
1904-19105	Short Style w/ Screw Cap	19 x 105	14 x 55	10.5 x 22, 10.5 x 35, 10.5 x 50	19 x 105mm	36

1917-00016



LEIGHTON TUBE RACK

Ideal for Leighton type tissue culture tubes. Hinged front of rack locks tubes into position.

Item Number	Size	Case Qty
1917-00016	125-150mm	1
1917-16000	83-903mm	1

ROUND BOTTOM PLAIN TOP CULTURE TUBE (DISPOSABLE)

Use with KAP-UTS Closures. Type 1 Class Borosilicate Glass.

2010-25150



Item Number	Size	Case Qty
2010-25100	25x100mm	144
2010-25150	25x150mm	144
2010-25200	25x200mm	144

PLAIN TOP CULTURE TUBE ROUND BOTTOM

Non-corrosive Borosilicate Glass to prevent etching caused by alkaline cleaning detergents.

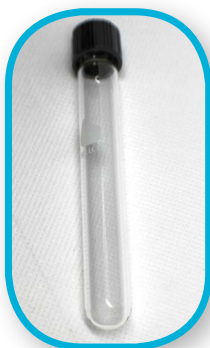
2011-13100



Item Number	Size	Case Qty
2011-10075	10x75mm	250
2011-13100	13x100mm	288
2011-16125	16x125mm	144
2011-18150	18x150mm	144
2011-25150	25x150mm	72
2111-38200	38x200mm	36

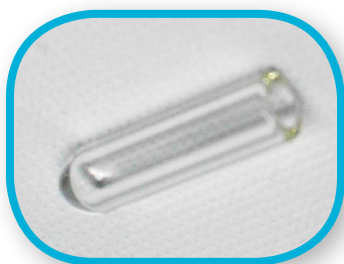
SCREW CAP CULTURE TUBE ROUND BOTTOM 16X150MM WITH BELLCO LOGO

Manufactured from Type 1 Class B Borosilicate Glass. Includes 13-415 black phenolic rubber lined screw cap. 2012-01310



Item Number	Description	Size	Case Qty
2012-01310	Bellco Logo	13X100mm	144
2012-13000	Plain - no logo or marking area on tube	13x100mm	1000
2012-13100	Bellco Logo	13x100mm	144
2012-01615	Bellco Logo	16X150mm	144
2012-06150	Bellco Logo	16X150mm	1000
2012-16000	Plain - no logo or marking area on tube	16X150mm	1000
2012-16150	Bellco Logo	16X150mm	144
2012-02150	Bellco Logo	20x150mm	500
2012-20000	Bellco Logo	20x150mm	500
2112-38200	Bellco Logo	38x200mm	36

2040-08029



FERMENTATION TUBE

Disposable gas fermentation tubes are inverted in bottom of larger tube for collection of fermentation gases.

Item Number	Size	Case Qty
2040-08029	8x29mm	144

HUNGATE TYPE ANAEROBIC CULTURE TUBE

The Hungate Anaerobic Culture Tube was developed for growing and maintaining anaerobic bacteria and culture conditions. Method of the Hungate utilizes syringe methods for anaerobic.

Technique:

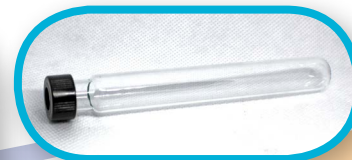
- Exclude oxygen by flushing the tube with the desired gas
- Add 4.5ml of pre-reduced anaerobic agar medium into tube
- Seal the tube with the Butyl rubber stopper and screw cap and autoclave
- Inoculate with a syringe
- Incubate in a water bath

Item Number	Description	Size	Case Qty
2047-16125	Hungate Tube Complete	16x125mm	250
2047-16000	Screw Cap Only	15mm	250
2047-11600	Septum Stopper	13mm	250
2047-00125	Hungate Tube Only	16x125mm	250

2047-11600



2047-00125



STAINLESS STEEL TUBE RACK

Will not rust or deteriorate in water baths or CO₂ atmospheres. Manufactured from 303 stainless steel with electropolish finish. Each opening rack 19/32.

2027-16072



2027-25036



2027-38012



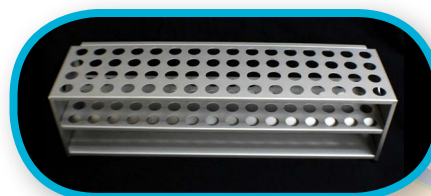
Item Number	Size	Case Qty
2027-13012	13mm-12P 3x4 Spacing	1
2027-13040	13mm-40P 4x10 Spacing	1
2027-13072	13mm-72P 6x12 Spacing	1
2027-13090	13mm-90P 6x15 Spacing	1
2027-16024	16mm-24P 4x6 Spacing	1
2027-16040	16mm-40P 4x10 Spacing	1
2027-16048	16mm-48P 4x12 Spacing	1
2027-16072	16mm-72P 6x12 Spacing	1
2027-16090	16mm-90P 6x15 Spacing	1
2027-16120	16mm-120P 10x12 Spacing	1
2027-16150	16mm-150P 6x25 Spacing	1
2027-18024	18mm-24P 4x6 Spacing	1
2027-18040	18mm-40P 4x10 Spacing	1
2027-18072	18mm-72P 6x12 Spacing	1
2027-20012	20-22mm-12P 3x4 Spacing	1
2027-20040	20-22mm-40P 4x10 Spacing	1
2027-20048	20-22mm-48P 6x8 Spacing	1
2027-25012	25mm-12P 3x4 Spacing	1
2027-25036	25mm-36P 4x9 Spacing	1
2027-25040	25mm-40P 4x10 Spacing	1
2027-25072	25mm-72P 6x12 Spacing	1
2027-25410	25mm-40P 4x10 Spacing	1
2027-38012	38mm-12P 3x4 Spacing	1
2027-38024	38mm-24P 4x6 Spacing	1
2027-38040	38mm-40P 4x10 Spacing	1
2027-38206	38mm-12P 2x6 Spacing	1

CULTURE TUBE RACK

The culture tube rack is designed for roller culture tubes. Manufactured from 303 stainless steel construction. Includes spring clips that prevent tubes from moving in the rack.

Item Number	Size	Case Qty
2028-16064	16mm	1

2028-16064



2048-10020



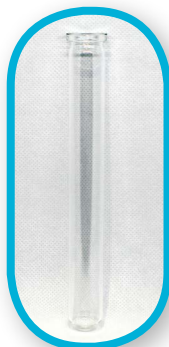
HAND OPERATED CRIMPER

Item Number	Size
2048-10020	For 20mm vials.

ANAEROBIC TUBE ONLY

- With alum seal neck
- Wall thickness: 1.10mm
- Neck id: 13.30 - 13.60mm
- For septum stoppers: 2048-11800
- For alum seals : 2048-11020
- For seal crimper: 2048-10020

2048-00150



Item Number	Size	Case Qty
2048-00150	18mm od x 150mm long	100

ANAEROBIC TUBE & STOPPER

Gas tight tube designed for maintaining anaerobic conditions. Useful for studies involving methane-producing bacteria. Includes gas impermeable blue butyl rubber septum type stopper. Tube is made of Type 1 Class B Borosilicate Glass.

Item Number	Size	Case Qty
2048-18150	Tube & Stopper	100

CONICAL BOTTOM CENTRIFUGE TUBE

Manufactured from Type 1 Class A Borosilicate Glass. Supplied with a 38-400 black phenolic rubber lined screw cap.

3045-00800



Item Number	Size	Case Qty
3045-00600	96x173mm Size: 590ml	4
3045-00800	96x173mm" Size: 780ml	4

RUBBER CUSHION FOR CONICAL BOTTOM CENTRIFUGE TUBES

Support cushion is used for insertion into centrifuge bucket under glass centrifuge tube to prevent breakage.

3045-10600



Item Number	Size	Case Qty
3045-10600	590mL	4

BELCO VIALS

Bellco Vials accept 11mm aluminum seals, and are designed for use with Hewlett Packard, Varian and other auto-samplers. Large opening vials have wider ID for easier sample access.

Clear Vials: Manufactured from Type 1, Class A or B Borosilicate Glass.

Amber Vials: Manufactured from Type 1, Class A Amber Glass.

SNAP-RING VIALS

Patented Snap-Seal design for positive design. Manufactured from Type 1 Class A Borosilicate Glass. Vials accept 11mm Snap-Ring closures only.

2070-00070



Item Number	Description	Size	Case Qty
2070-00070	11mm Clear	12x32mm	1000
2070-00075	11mm Polypropylene	12x32mm	1000
2070-00080	11mm Amber	12x32mm	1000

SCREW THREAD VIALS

2070-00020



Item Number	Description	Size	Case Qty
2070-00010	8mm S/T Clear	12x32mm	1000
2070-00020	8mm S/T Amber	12x32mm	1000
2070-00170	10-425 Clear	12x32mm	1000
2070-00180	10-425 Amber	12x32mm	1000
2070-00190	9-425 Clear RAM	12x32mm	1000
2070-00200	9-425 Amber RAM	12x32mm	1000

13 MM SCREW THREAD VIALS

Designed for use with Shimadzu aoc-14/1400 & waters 48 model auto-samplers. Manufactured from Type 1 Class A Borosilicate Glass.

Item Number	Description	Size	Case Qty
2070-00090	13mm S/T Clear	15x45mm	-
2070-00100	13mm S/T Amber	15x45mm	-

2070-00090



2070-00100



11 MM ALUMINUM SEAL VIAL

Clear Vials are manufactured from Type 1 Class A Borosilicate Glass. Large opening vials have wider ID for easier sample access.

2070-00030



2070-00130



Item Number	Description	Size	Case Qty
2070-00030	Clear w/ Crimp Top	12x32mm	1000
2070-00040	Amber w/ Crimp Top	12x32mm	1000
2070-00050	Clear LO - Big Mouth	12x32mm	1000
2070-00060	Amber LO - Big Mouth	12x32mm	1000
2070-00130	Clear w/ Crimp Top Grade Line	12x32mm	1000
2070-00140	Amber w/ Crimp Top Grade Line	12x32mm	1000
2070-00150	Clear w/ Crimp Top Marking Spot	2.0mL 11mm	1000
2070-00160	Amber w/ Crimp Top Marking Spot	2.0mL 11mm	1000

VIAL ACCESSORIES

Item Number	Description	Size	Case Qty
2070-06000	50 Position snap rack, white for 12 mm vials. Snap racks™ are constructed of durable glass reinforced polypropylene with a center well to conveniently hold caps, seals septa, etc. Racks snap together securely to double your rack capacity	White Snap Rack, 50P For 12mm Vials	1
2070-06100	50 Position snap rack, white for 12 mm vials. Snap racks™ are constructed of durable glass reinforced polypropylene with a center well to conveniently hold caps, seals septa, etc. Racks snap together securely to double your rack capacity	Blue Snap Rack, 50P For 12mm Vials	1
2070-07000	Holds up to 50 each 12mm diameter vials. Available in blue or white polypropylene. Center section for caps, septa or inserts.	Crimper Manual 11mm	1

2070-06000



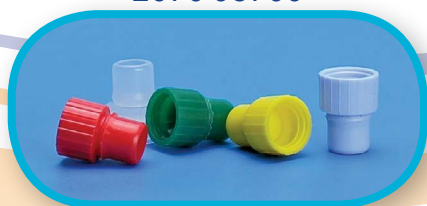
2070-00110



8X40 MM SHELL VIAL WITH PLUG INSERT

Designed for use with the water wisp 96-position auto sampler plug insert.

2070-03700



Item Number	Description	Size	Case Qty
2070-00110	8mm Shell Vial Clear	8x40mm	-
2070-00120	8mm Shell Vial Amber	8x40mm	-
2070-03700	8mm Plug Insert	8x40mm	-

SILICONE SPONGE CLOSURE

Sealed in silicone sponge closure is ideal for aerobic cultures. Flanged to fit snugly over outside of the flask neck preventing passage of aerosols. Silicone sponge closures can withstand dry heat sterilization up to 180 degrees Celsius. Used mainly for flasks and tubes.

2004-00002



Item Number	Description	Size	Case Qty
2004-00002	Use with Culture Tubes	13-18mm	10
2004-00003	Culture Tubes, Erlenmeyer Flask, DeLong Flasks	18-25mm	10
2004-00004	Erlenmeyer Flasks	28mm	10
2004-00005	Culture Tubes, Erlenmeyer Flask, DeLong Flasks	38mm	10

STAINLESS STEEL CLOSURE

Stainless steel closures continue to provide excellence in culture tube and flask closures. Manufactured from Type 305 stainless steel, they can be used indefinitely without corroding. The fingers grip the outside of the tube firmly and will not lose their resilience through repeated autoclaving or dry heat sterilization.

2005-00013



Item Number	Size	Case Qty
2005-00013A	13mm (Lanced)	144
2005-00016	16mm (Lanced)	144
2005-00018	18mm (Lanced)	144
2005-00020	20mm (Lanced)	144
2005-00025	25mm (Lanced)	72
2005-00038	38mm (Lanced)	36
2005-01824	18mm-24Bg (Lanced)	24
2005-02512	25mm-12Bg (Lanced)	12
2005-03803	38mm-3 Bg (Lanced)	3
2005-03806	38mm-6 Bg (Lanced)	6
2005-03812	38mm-12 Bg (Lanced)	12

KAP-UTS

- Manufactured from non-toxic autoclavable polypropylene.
- Ideal for culture tubes and flasks with DeLong® style neck and access ports.
- Same evaporation and sterility characteristics as stainless steel closures.
- Molded pressure fins for firm grip.
- There are seven colors to promote easy identification.



Item Number	Size	Case Qty	Item Number	Size	Case Qty
2007-13001	13mm	1000	2007-18005	18mm	1000
2007-13002	13mm	1000	2007-18006	18mm	1000
2007-13003	13mm	1000	2007-20001	20mm	500
2007-13004	13mm	1000	2007-20002	20mm	500
2007-13005	13mm	1000	2007-20003	20mm	500
2007-13006	13mm	1000	2007-20004	20mm	500
2007-16001	16mm	1000	2007-20005	20mm	500
2007-16002	16mm	1000	2007-20006	20mm	500
2007-16003	16mm	1000	2007-25001	25mm	500
2007-16004	16mm	1000	2007-25002	25mm	500
2007-16005	16mm	1000	2007-25003	25mm	500
2007-16006	16mm	1000	2007-25004	25mm	500
2007-18001	18mm	1000	2007-25005	25mm	500
2007-18002	18mm	1000	2007-25006	25mm	500
2007-18003	18mm	1000	2007-25013	25mm	500
2007-18004	18mm	1000	2007-38005	38mm	250

BLACK PHENOLIC SCREW CAP ASSEMBLY FOR ADJUSTABLE HANGING BAR SPINNER FLASK

1967-90038



Black phenolic screw caps are manufactured from specially formulated phenolic resin to resist the effects of temperature and steam autoclaving. They have a non-toxic white rubber liner for all general culture applications. Consists of screw cap liner and stopper or compression fitting.

Item Number	Size	Case Qty
1967-90038	38 mm	1
1967-90051	51 mm	1

PTFE SILICONE SEPTA

2070-01000



Item Number	Description	Size	Case Qty
2070-01000	Red PTFE Silicone	8mm	1000
2070-01100	White PTFE	8mm	1000
2070-01200	Red PTFE Silicone	13mm	1000
2070-01300	White PTFE	9mm	1000
2070-01400	PTFE Red Rubber	9mm	1000
2070-01500	PTFE Silicone	9mm	1000
2070-01600	Red PTFE Silicone	10mm	1000
2070-01700	White PTFE	10mm	1000

CLOSURES & SEPTA

Designed for standard screw thread vials. Available with or without septa.

2070-00500



Item Number	Description	Size	Case Qty
2070-00500	Black	8mm	1000
2070-00525	Red	8mm	1000
2070-00550	Blue	9mm	1000
2070-00600	Black	13mm	1000
2070-00700	Black w/ Septa	8mm	100
2070-00800	Black w/ Septa	13mm	100
2070-00900	Blue w/ PTFE/RR Septa	9mm	1000
2070-00950	Blue w/ PTFE/Silicone Septa	9mm	1000
2070-00960	Blue w/ PTFE/Silicone Septa	10mm	1000
2070-00975	Black	10mm	1000
2070-00995	Blue	10mm	1000

ALUMINUM SEAL & SNAP RING CLOSURES

Designed for standard screw thread vials. Available with or without septa.

2070-02000



Item Number	Description	Size	Case Qty
2070-02000	Aluminum Seal, Silver	11mm	1000
2070-05100	Aluminum Seal, Blue	11mm	1000
2070-05200	Aluminum Seal, Yellow	11mm	1000
2070-05300	Aluminum Seal, Green	11mm	1000
2070-05000	Aluminum Seal, Silver w/ PTFE Liner	11mm	1000
2070-05400	Poly Crimp Seal, Clear	11mm	1000
2070-03000	Snap-Ring PTFE Red Rubber	11mm	1000
2070-03100	10mL PTFE Liner	11mm	1000
2070-03200	PTFE Silicone	11mm	1000
2070-03500	PTFE Silicone PTFE	11mm	1000

CLONING CYLINDERS

Cloning cylinders are used to surround a single cell to create homogeneous culture of cells rather than mixed population. Flat end insures tight sealing with surface of culture dish.

2090-00608



Item Number	Size	Case Qty
2090-00608	6x8mm	125
2090-00808	8x8mm	125
2090-01010	10x10mm	125

DISINFECTANT CYLINDER

For use in the disinfectant testing procedure as described in the AOAC manual. Cylinder ends are lightly glazed. Hard surface carrier test for efficacy of testing of disinfectants.

2091-00808



Item Number	Size	Case Qty
2091-00808	8x8mm	125
2091-08010	8x10mm	125

AUTOCLAVE STERILIZATION BAGS

Rugged polypropylene bags withstand 130°C, and have the OSHA Bio-Hazard symbol imprinted on bags.

2200-12240



Item Number	Size	Case Qty
2200-12240	12X24"	100
2200-24300	24X30"	100
2200-24360	24X36"	100

AUTOCLAVE STERILIZATION BAG HOLDER

Ideal for autoclave Sterilization Bags. Place a biohazard bag into the sturdy wire holder and stretch the bag over the top ring. A separate hooked ring rests over the top to keep the bag in place. Circular shape keeps bags wide open for easy access.

2202-12024



Item Number	Size	Case Qty
2202-12024	Holder for 12x24" Bag	1

BIOMETER FLASK

- Designed for the measurement of microbial gas production.
- Ideal for bioremediation studies.
- Manufactured from Type 1 Class A Borosilicate Glass.
- All components are autoclavable.
- Has a plastic coating and finger grip handle with adapter.

2556-10250



Item Number	Description	Size	Case Qty
2556-00250	Biometer Flask Complete	250mL	1
2556-10250	Flask Only	250mL	1
2556-20250	Flask Filter Only	-	1
2556-30250	Needle Assembly	-	1

FREEZE DRYING AMPOULE

Type 1 Class A Borosilicate Glass, flat bottom. Ideal for freeze drying or cryogenic storage. Neck has pre-drawn constriction to facilitate sealing.

4025-00001



4024-00001



Item Number	Description	Neck OD (mm)	Bottom OD(mm)	Length(mm)	Size	Case Qty
4019-00001	Flat Bottom Constriction on the neck	7	10	80	1mL	72
4024-5000	Round Bottom Constriction on the neck	6	4	105	0.5mL	144
4024-00001	Round Bottom Constriction on the neck	8	11	145	1mL	144
4024-00002	Round Bottom Constriction on the neck	9	12	145	2mL	144
4025-00001	Round Bottom Tublar	7	-	127	1mL	144
4025-00002	Round Bottom Tublar	8	-	145	2mL	144
4025-00003	Round Bottom Tublar	8	-	145	3mL	144
4025-00004	Round Bottom Tublar	8	-	170	4mL	144

4752-10001



DETERGENT

Liquid concentrate at pH 7.8 of anionic surfactants and special solvents for use in washing procedures for all laboratory glassware. It is non-caustic, non-acidic and indicated for hand washing procedures.

Item Number	Description	Size	Case Qty
4752-10001	7X Detergent	1 Gal	4
4752-20001	7X-O-Matic Detergent	1 Gal	4

5610-00050



ASEPTIC FILLING BELL

Manufactured from Type 1 Class A Borosilicate Glass. Ideal for use of filling other glass vessels. Receiving vessel is placed under bell to maintain sterility during filling. Attaches to reservoir with rubber tubing.

5610-00100



Item Number	OD x OAL (mm)	Tubing Size (in)	Size	Case Qty
5610-00020	22 x 75mm	¼"	20mm	2
5610-00040	41 x 95mm	¼"	40mm	2
5610-00050	49 x 100mm	½"	50mm	2
5610-00070	70 x 125mm	½"	70mm	2
5610-00100	104 x 130mm	½"	100mm	2

GRIFFIN BEAKER HEAVY WALL

Heavy duty break resistant lip. Graduated to approximate volumes. Type 1 Class A Borosilicate Glass.

5620-00005



Item Number	OD x OAL (mm)	Size	Case Qty
5620-00005	20 x 23mm	5mL	12
5620-00050	40 x 56mm	50mL	12
5620-00100	51 x 65mm	100mL	12
5620-00250	70 x 87mm	250mL	12
5620-00400	80 x 106mm	400mL	12
5620-00600	95 x 110mm	600mL	12
5620-01000	110 x 145mm	1L	3
5620-02000	134 x 190mm	2L	3
5620-04000	160 x 250mm	4L	2

GRIFFIN BEAKER STANDARD WALL

Type 1 Class A Borosilicate Glass. Ideal for general laboratory use. White double scale graduations on 250mL and larger sizes.

5621-00100



Item Number	OD x OAL (mm)	Size	Case Qty
5621-00050	41 x 58mm	50mL	12
5621-00100	50 x 69mm	100mL	12
5621-00150	58 x 80mm	150mL	12
5621-00250	68 x 95mm	250mL	12
5621-00400	111 x 175mm	400mL	12
5621-00600	88 x 123mm	600mL	6
5621-01000	106 x 148mm	1L	6
5621-02000	129 x 190mm	2L	4

CLASS A GRADUATED CYLINDER

Type 1 Class A Borosilicate Glass. Hexagonal bumper guard included (except 2000mL size). White double scale graduations.

5625-00050



Item Number	Graduation Interval (mL)	Tolerance (mL)	OD x OAL (mm)	Size	Case Qty
5625-00050	0.5	0.25	24 x 218mm	TC 50mL	4
5625-00100	0.1	0.4	30 x 236mm	TC 100mL	4
5625-00250	0.2	100	41 x 301mm	TC 250mL	4
5625-00500	0.5	200	53 x 362mm	TC 500mL	2
5625-01000	100	300	70 x 422mm	TC 1L	2
5625-02000	200	600	90 x 478mm	TC 2L	1

BOTTLES

DELONG® ROUX CULTURE BOTTLE

Ideal for large area mono-layer cell culture growth. Offset neck prevents culture from entering neck area. DeLong® style neck is designed for use with 38mm stainless steel closure.

5632-12000



Item Number	Description	OD x OAL (mm)	Size	Case Qty
5630-12000	DeLong Roux Bottle	122 x 56 x 290mm	1200mL Schott Blank	2
5632-12000	Screw Cap Roux Bottle	132 x 56 x 280mm	S/Cap 1200mL Schott Blank	2

MEDIA STORAGE BOTTLE WITH WHITE RUBBER LINED PHENOLIC CAP

Manufactured from Type 1 Class B Borosilicate Glass. Large opening and sloping shoulders facilitate pouring and cleaning. Heavier walls prevent breakage of glass. Media storage bottles have white graduations and a marking area. They are supplied with rubber lined 33mm black phenolic screw cap.

5636-00125



Item Number	OD x OAL (mm)	Cap Size (mm)	Size	Case Qty
5636-00125	55 x 120	33	125mL	12
5636-00250	66 x 149	33	250mL	12
5636-00533	88 x 187	33	500mL	12
5636-01038	103 x 231	38	1000mL	6

MEDIA STORAGE BOTTLE WITH BLUE POLYPROPYLENE LINERLESS CAP

Manufactured from Type 1 Class A Borosilicate Glass. These media storage bottles are chemically resistant and stable. They are suitable for storage as well as for mixing and sampling. They are autoclavable and have white graduations and marking spots. On sizes 100-2000mL there is a full capacity line. These bottles include a linerless blue polypropylene cap and blue polypropylene pouring ring.

5637-00100



Item Number	OD x OAL (mm)	Size	Case Qty
5637-00050	46 x 87	50mL	10
5637-00100	56 x 100	100mL	10
5637-00250	70 x 138	250mL	10
5637-00500	85 x 176	500mL	10
5637-01000	101 x 225	1000mL	10
5637-02000	136 x 260	2000mL	10
5637-05000	182 x 330	5000mL	1
5637-10000	227 x 410	10000mL	1

ANAEROBIC MEDIA BOTTLE

Type 1 Class A Borosilicate Glass that are designed for maintaining anaerobic conditions. Useful for studies involving methane-producing bacteria, cell culture, drug discovery, and research and development.

2048-00050



Item Number	OD x OAL (mm)	Size	Case Qty
2048-00050	46 x 88	50mL	12
2048-00100	56 x 100	100mL	12
2048-00250	70 x 138	250mL	12
2048-00500	85 x 176	500mL	6
2048-01000	100 x 215	1000mL	6

Accessories:

-2048-11800 septum stopper

-2048-11020 aluminum seal

-2048-10020 seal crimper

ANAEROBIC BOTTLE WITH SCREW CAP

2048-50100

The anaerobic culture bottle is designed for the growth of anaerobic bacteria and maintaining anaerobic conditions. The bottle features a 45mm screw cap with silicone o-ring



Item Number	OD x OAL (mm)	Size	Case Qty
2048-50100	56 x 100	100mL	12
2048-50250	70 x 138	250mL	12
2048-50500	86 x 176	500mL	12
2048-51000	101 x 255	1L	6

and blue butyl rubber stopper. This allows for easy access of contents and eliminates the use of the traditional aluminum seal. Butyl rubber stopper allows for multiple punctures with a needle. Bottle is Borosilicate glass and cap is polypropylene. All components are autoclavable. Polypropylene screw cap with silicone gasket and butyl rubber stopper. Components are fully autoclavable @ 121°C.

ANAEROBIC AGAR BOTTLE COMPLETE

2535-50020

Manufactured from Type 1 Class A Borosilicate Glass



Item Number	W x D x H (mm)	Size	Case Qty
2535-50020	55 x 135 x 30	80mL	1

SQUARE MEDIA STORAGE BOTTLE WITH BLUE POLYPROPYLENE LINERLESS CAP

5637-40100

Type 1 Class A Borosilicate Glass. 32mm or 45mm blue polypropylene caps and pouring rings (140 degree °C). Space saving square design with sloped shoulder for easy cleaning.



Item Number	Thread Size (mm)	W x D x H (mm)	Size	Case Qty
5637-40100	32	50 x 50 x 105	100mL	10
5637-40250	32	64 x 64 x 138	250mL	10
5637-40500	45	78 x 78 x 179	500mL	10
5637-41000	45	94 x 94 x 218	1000mL	10

Shoulder groove indicates maximum volume for each.

MEDIA BOTTLE WITH BLUE STORAGE CAP

Manufacture from Type 1 Class A Borosilicate Glass.

Includes: 45mm polypropylene blue screw cap and pouring ring.

5637-80250



Item Number	OD x OAL (mm)	Size	Case Qty
5637-80100	56 x 105	100mL	10
5637-80250	70 x 143	250mL	10
5637-80500	86 x 182	500mL	10
5637-81000	101 x 203	1L	10
5637-82000	136 x 260	2L	10
5637-85000	186 x 355	5L	1
5637-88100	234 x 435	10L	1

MEDIA STORAGE BOTTLE WITHOUT CAP CLEAR & AMBERIZED

Manufactured from Type 1 Class A Borosilicate Glass. These media storage bottles are chemically resistant and stable. They are suitable for storage as well as for mixing and sampling. They are autoclavable and have white graduations and marking spot. On sizes 100-2000mL there is a full capacity line.

5637-60050



Item Number	Description	Screw Thread Size (mm)	OD x OAL (mm)	Size	Case Qty
5637-60050	Storage Bottle	32	46 x 87	50mL	10
5637-60100	Storage Bottle	32	56 x 100	100mL	10
5637-60250	Storage Bottle	32	70 x 138	250mL	10
5637-60500	Storage Bottle	32	86 x 176	500mL	10
5637-61000	Storage Bottle	45	101 x 225	1000mL	10
5637-62000	Storage Bottle	45	136 x 260	2000mL	10
5637-65000	Storage Bottle	45	182 x 330	5000mL	1
5637-7000	Storage Bottle	45	227 x 410	10000mL	1
5637-68000	Storage Bottle	45	268 x 445	15000mL	1
5637-69000	Storage Bottle	45	288 x 505	20000mL	1
5637-70050	Amber Stained	32	46 x 87	Amberized 50mL	10
5637-70100	Amber Stained	32	56 x 100	Amberized 100mL	10
5637-70250	Amber Stained	32	70 x 138	Amberized 250mL	10
5637-70500	Amber Stained	45	86 x 176	Amberized 500mL	10
5637-71000	Amber Stained	45	101 x 225	Amberized 1000mL	10
5637-72000	Amber Stained	45	136 x 260	Amberized 2000mL	10
5637-75000	Amber Stained	45	182 x 330	Amberized 5000mL	1
5637-77000	Amber Stained	45	227 x 410	Amberized 10000mL	1
5637-78000	Amber Stained	45	268 x 445	Amberized 15000mL	1

5637-70500



ROLLER BOTTLE

7730-38440



Item Number	Description	Size	Case Qty
7730-38285	Roller bottle with 38mm rubber lined screw cap -Borosilicate glass, type 1, Class A-38mm deep-skirt, nontoxic, rubber lined phenolic screw cap-replacement cap: 2029-0038a	Roller Bottle, 110x285mm	2
7730-38440	Roller bottle with 38mm rubber lined screw cap -Borosilicate glass, type 1, Class A -38 mm deep-skirt, nontoxic, rubber lined phenolic screw cap -replacement cap: 2029-0038a	Roller Bottle, 110x440mm	2
7730-38490	Roller bottle with 38mm rubber lined screw cap -Borosilicate glass, type 1, Class A -38mm deep-skirt, nontoxic, rubber lined phenolic screw cap -replacement cap: 2029-0038a area (cm2): 1330 case qty: 2	Roller Bottle, 110x490mm With 38mm Neck	2
7730-38585	Roller bottle with 38mm rubber lined screw cap -Borosilicate glass, type 1, Class A -38mm deep-skirt, nontoxic, rubber lined phenolic screw cap -replacement cap: 2029-0038a area (cm2): 1585 case qty: 2	Roller Bottle, 110x570mm 38mm Deep Skirt Black Cap	2
7730-51120	Roller bottle with 51mm rubber lined cap & indented bottom -Borosilicate glass, type 1, Class A -larger outside diameter for greater growth area per bottle -indented bottom for placement of two bottles on a standard roller -51mm short-skirt, nontoxic, rubber lined phenolic screw cap -replacement cap: 2029-0051a area (cm2): 835 case qty: 2	Roller Bottle, 120x 285mm With Indented Bottom	2
7730-51270	Roller bottle with 51mm rubber lined screw cap -Borosilicate glass, type 1, Class A -51mm short-skirt, nontoxic, rubber lined phenolic screw cap -large mouth facilitates cell harvesting -replacement cap: 2029-0051a area (cm2): 670 case qty: 2	Roller Bottle, 110X270mm	2
7730-51475	Roller bottle with 51mm rubber lined screw cap -Borosilicate glass, type 1, Class A-51mm short-skirt, nontoxic, rubber lined phenolic screw cap-large mouth facilitates cell harvesting-replacement cap: 2029-0051a	Roller Bottle, 110x475mm	2
7730-51585	Roller bottle brush-for 110mm od roller bottles w/5mm opening-nylon bristles for easy cleaning of hard-to-reach surfaces. Useable length: 690mm. Note: to keep nylon bristles straight & effective dip flattened brush in hot water - then shake out material:plastic handle, plastic tube covering shaft#8 wire - nylon	Roller Bottle, 110x570mm 51mm Short Skirt Black Cap	2

ROLLER BOTTLE ACCESSORIES

Roller bottle rinser. Rinses any bottle over 75mm in height x ID from 10 to 102 mm

- Connects to a standard laboratory water tap (max 80 psig).
- Pressurized water reaches every corner with a unique swirling action.
- Includes one meter length of 3-ply, high pressure hose.

7731-88285



7731-88290



7731-11111



Item Number	Description	Size	Case Qty
7731-88285	Roller Bottle Rinser	-	1
7731-88290	Distributor Cover	-	1
7731-11111	Roller Bottle Brush	110mm	2

CAPS AND RINGS

BLACK PHENOLIC SCREW CAP

2029-00016



Black phenolic screw caps are manufactured from specially formulated phenolic resin to resist the effects of temperature and steam autoclaving. They have a non-toxic white rubber liner for all general culture applications. The deep skirt reduces risk of contamination. Includes white rubber liner sealed into the cap. The screw cap is autoclaveable.

Item Number	Size	Case Qty
2029-00013	13mm Long Skirted - With Liner	144
2029-10013	13mm	1000
2029-00016	15mm Long Skirted - With Liner	144
2029-10015	15mm	1000
2029-00018	18mm	144
2029-10018	18mm	500
2029-00025	24mm Long Skirted - With Liner	144
2029-00028	28mm Long Skirted - With Liner	72
2029-00038	38mm Long Skirted - With Liner	36
2029-00051	51mm	72
2030-00038	38mm	72
5636-33430	33mm - With Liner	72
5636-38430	38mm - With Liner	72
7730-00038	38mm	36

OPEN TOP SCREW CAP

5637-00035



Ideal for addition & withdraw of contents via syringe.

- 45mm cap has 33mm hole to accommodate 45mm septa or 45mm port assembly.
 - 32mm cap has 20mm hole to accommodate 32mm septa or 32mm port assembly.
- Polypropylene.

Item Number	Description	Size	Case Qty
5637-00010	Blue Cap PP	45mm	10
5637-00035	Blue Cap PP	32mm	10
5637-00015	Green Cap PP	45mm	10
5637-00020	Yellow Cap PP	45mm	10
5637-00025	Grey Cap PP	45mm	10
5637-00030	Septa .125 x 1.70	45mm	10
5637-00038	Septa .125 x 1.20	32mm	10

PREMIUM SCREW CAP

5637-00040



The screw cap is made from a material of highest chemical resistance TPCH260 in order to prevent the medium from being

contaminated in any form. The cap does not contain any colorants or plastic pigments. The silicone seal is coated with PTFE on both sides for highest demands on chemical resistance. The seal is firmly fixed to the cap thus preventing the medium from leaking into the space between the lid. It remains extremely tight even after having been opened and closed several times. The matching pouring ring guarantees non-dripping safe handling. Universally applicable premium cap for all GL45 thread meets the highest demands for storing, and packaging products from pharmaceutical, chemical industries. The premium cap is characterized by its temperature resistance ranging from -196°C to 260°C. Due to high temperature range this cap is suitable for many sterilization methods such as autoclaving or dry heat sterilization. Packed 5 per case.

Item Number	Description	Size	Case Qty
5637-00040	Clear Cap	45mm	5

SOLID POLYPROPYLENE SCREW CAP

Molded inner ring of linerless cap seals into the neck of a GL45 media bottle. Caps are autoclavable to 140°C.

5637-00032



Item Number	Description	Size	Case Qty
5637-00032	Color : Blue	Blue - 32mm	10
5637-00045	Color: Blue	Blue - 45mm	10
5637-00047	Color : Green	Green - 45mm	10
5637-00048	Color : Yellow	Yellow - 45mm	10
5637-00049	Color : Grey	Grey - 45mm	10

HI-TEMP RED SCREW CAP

Manufactured from red PolyButylene Terephthalate with PTFE faced silicone liner for use at higher temperatures. Autoclavable to 180°C. Packed 10 per case.

5637-90045



Item Number	Description	Size	Case Qty
5637-90032	High Temp Screw Cap	32mm	10
5637-90045	High Temp Screw Cap	45mm	10

MEMBRANE SCREW CAP

Membrane screw cap can be used for all bottles with a GL45 thread. Characterized by a polypropylene cap and PTFE membrane material. The cap features extremely fast pressure compensation that prevents either over pressure or vacuums. The membrane cap is screwed tightly onto the bottle; there is no need for screwing or unscrewing the cap before or after the autoclaving process. The cap can be autoclaved numerous times without any damage.

5637-00046



Item Number	Size	Case Qty
5637-00046	0.2 Membrane S/Cap, 45mm	5

PREMIUM POURING RING

Premium pouring ring guarantees non-drip GL45 and safe handling clear color use with 5637-00040 - premium screw cap.

5637-00041



Item Number	Description	Size	Case Qty
5637-00041	Clear	45mm	5

POLYPROPYLENE POURING RING

Provides drip free pouring and protects bottle rim from chipping.

5637-10032



Item Number	Description	Size	Case Qty
5637-10032	Blue	32mm	10
5637-10045	Blue	45mm	10

HI-TEMP RED POURING RING

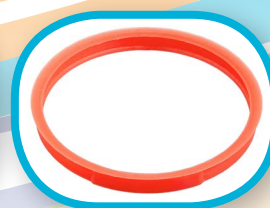
Use with high temperature red PBT cap. Ethylene terafluoroethylene copolymer pouring ring provides drip free pouring and protects thread from chipping. Autoclavable to 180°C. Packed 10 per case.

Item Number	Size	Case Qty
5637-91032	32mm	10
5637-91045	45mm	10

5637-91032



5637-91045



RESERVOIR CAP ASSY 4300-A1005

Reservoir cap is a reusable autoclavable cap that fits into a standard 250mL culture media bottle. Includes cap, gasket, and 2 stainless steel tubes with angled hose barbs. Fits any 33mm glass bottle thread.



Item Number	Size	Case Qty
4300-A1005	250mL-33nk	1

MICROSCOPE SLIDES

Bellco printed glass microscope slides feature fired ceramic printing that provides a micro-edge. This increases liquid retention yet resists volatile solvents thus enabling the slides to withstand repeated autoclaving cycles. A

variety of test-specific slides are available and Bellco will customize slides in multiple colors and configurations to comply with specific requirements.



Item Number	Description	Size	Case Qty
5638-01920	Reich Slide	25x75mm	144
5638-01930	Somatic Slide	25x75mm	144
5638-01940	Fluorescent Antibody Slide	25x75mm	144
5638-00103	Pre-Cleaned Frosted Slide	25 x 75mm	1440
5638-10300	Pre-Cleaned Frosted Slide	25x75mm	1440
5638-11013	Pre-Cleaned Plain Slide	25x75mm	1440
5638-12013	Pre-Cleaned Plain Slide	25x75mm	1440

5638-01940



PETRI DISH SPREADER 5654-00120

- Ideal for spreading inoculum over agar face in petri dish cultures.
- Manufactured from 4mm OD Borosilicate glass rod.



Item Number	Bend	Size	Case Qty
5654-00090	90°	130mm	50
5654-00120	120°	130mm	50

CELL SCRAPER 7731-22005

- Stainless steel blade holder mounted on plastic covered stainless steel handle.
- Fully autoclavable.



Item Number	Description	Size	Case Qty
7731-22000	Small Blade	5/8" x 1/4" x 7 3/4"	2
7731-22005	Small Replacement Blade	-	10
7731-22111	Medium Blade	1 1/4" x 9/16 x 13"	1
7731-22115	Medium Replacement Blade	-	10
7731-22222	Large Blade	2 3/4" x 3/4" x 24 1/2"	1
7731-22225	Large Replacement Blade	-	10

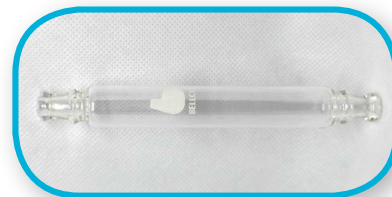
AIR FILTER TUBE

Manufactured from Type 1, Class A Borosilicate Glass, and accepts rubber or silicone tubing with 6.4mm ID.

- Fully autoclavable
- Utilizes glass wool fibers for non-sterile filtering rod 16mm OD

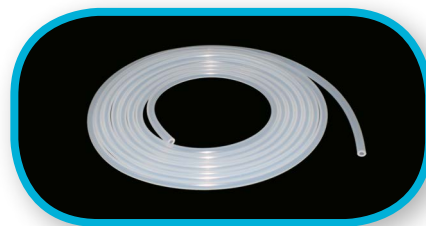
Item Number	Size	Case Qty
5618-16125	16x125mm	36

5618-16125



SILICONE TUBING

Silicone Tubing is specifically formulated for use with media found in pharmaceutical and biotech processing. Ideal for a range of performance requirements, extended life pumping and in applications demanding ultimate purity in fluid transfer and peristaltic pump.



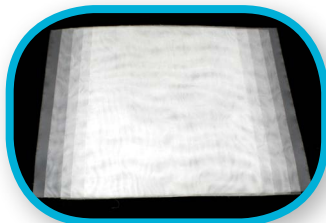
Item Number	Description	Size	Case Qty
4702-86210	-	5x9mm	1
7800-10025	Clear silicone tubing wallcut to 25' lengths, temperature range: -51°C to 238°C max. Pressure: 13psig @ 21°C fda compliant - 21 cfr 177.2600 Meets usp class vi	3/16" x 25'	1
7800-10050	Silicone tubing 50ft	1/4" x 50'	1
7800-10100	Silicone tubing	1/2" x 10'	1
7800-10200	Peroxide silicone tubing od: 3/32" (2.4Mm) id: 1/32" (0.8Mm) wall: 1/32" (0.8Mm) max. Pressure @ 70°C: 31 packed 25' roll	3/32" x 25'	1
7800-10300	Peroxide silicone tubing od: 1/8" (3.2Mm) id: 1/16" (1.6Mm) wall: 1/32" (0.8Mm) max. Pressure @ 70°C: 15 packed 25' roll	1/8" x 25'	1
7800-10400	Peroxide silicone tubing od: 5/32" (4.0Mm) id: 3/32" (1.6Mm) wall: 1/32" (0.8Mm) max. Pressure @ 70°C: 14 packed 25' roll polypropylene lamination: pharmaceutical, biotechnology, food & beverage aerospace & general lab applications. Characteristics: peroxide-cured - excellent heat resistance, low compression set, odorless, non-toxic - translucent resin certification: resin is fda-compliant (21 cfr 177.2600) Meets usp class vi requirements. Tubing is manufactured to gmp temperature range: -60°F to 460°F (-51°C to 238°C) sterilize: with autoclave or gamma irradiation	5/32" x 25'	1

NYLON MESH

Used for auto blot hybridization ovens.

- Pore size: 125 microns open area; 39%
- Mesh count: (per inch); 127
- Weave type: 1/1 plain fabric

7910-02024



Item Number	Size	Case Qty
7910-02024	Large Nylon Mesh, 23x23cm-20/cs	20
7910-02026	Large Nylon Mesh, 23x23cm-5/cs	5
7910-15005	Small Mesh, 10x15cm-5 Pkg	5
7910-15010	Small Mesh, 10x15cm-20 Pkg	20

- Thickness: 120 microns
- Weight: 1.5 Ounces per sq yd

BASIC PIPET AID

Basic pipet aids are lightweight, compact units that are ideal for use under laminar flow hoods. A patented two-finger volume control provides precise fluid uptake and dispensing.

PORTABLE PIPET AID

The portable pipet aid is a rechargeable self-contained unit that provides 2 hours of pipetting before recharging is necessary. Includes battery charger and tissue culture nose piece.

PORTABLE PIPET AID XP

The Portable Pipet Aid XP is a rechargeable self-contained unit with removable stand. Three independent speed ranges can be set for both fill and dispense rates and the unit provides 2 hours of continuous pipetting with recharging. Includes battery charger and tissue culture nose piece.

1225-80000



1225-85220



1225-88105



1225-88050



1225-88052



Item Number	Description	Size	Case Qty
1225-80000	Pipet-Aid Basic	115v	1
1225-80220	Pipet-Aid Basic	230v	1
1225-80100	Pipet-Aid w/ Air Filter	115v	1
1225-80122	Pipet-Aid w/ Air Filter	230v	1
1225-85000	Portable Pipet-Aid	115v	1
1225-85220	Portable Pipet-Aid	230v	1
1225-86000	Pipet-Aid XP	115v	1
1225-86220	Pipet-Aid XP	230v	1
1225-88100	Pipet-Aid w/ Tissue Culture Nose Piece & Air Filter	115v	1
1225-88122	Pipet-Aid w/ Tissue Culture Nose Piece & Air Filter	230v	1
1225-88105	Pipet-Aid w/ Tissue Culture Nose Piece	115v	1
1225-88225	Pipet-Aid w/ Tissue Culture Nose Piece	230v	1

Parts

Item Number	Description	Size	Case Qty
1225-80001	Pipet-Aid Handle	-	1
1225-80002	Pipet-Aid Pump	115v	1
1225-80003	Pipet-Aid Pump w/ Filter	115v	1
1225-80056	Pipet-Aid Holder Insert	-	6
1225-80222	Pipet-Aid Pump	230v	1
1225-88050	Tissue Culture Nose Piece	-	1
1225-88051	Tissue Culture Nose Piece Filter	-	5
1225-88052	Tissue Culture Nose Piece Filters	-	50

Pricing

The prices in this proposal supersede all previous prices and are subject to change without notice. Prices are in US dollars and are subject to all federal, state, and local taxes.

Note: Bellco Glass, Inc. minimum order requirement is \$50.00.

Shipping

All items are shipped F.O.B Vineland, New Jersey with the charges prepaid and added to the invoice. Special shipping instructions should accompany your order. We will select the best method if none is specified. Air shipments are available for an additional charge. Delivery of large products shall be to the customer's loading dock. It is the customer's responsibility to arrange movement from the loading dock to the site of use, unless otherwise agreed to by Bellco Glass, Inc. Products requiring special packaging or crating may incur additional handling fees.

Special Orders

Bellco offers over one thousand glass and equipment products. Many more are available as SPECIAL items. These items are manufactured upon receipt of your purchase order. Please inquire about their availability, minimum order quantities, price, and delivery. On all orders exceeding 10 units, we reserve the right to ship 10% overrun or underrun and invoice in the actual quantity shipped.

Terms

Payment terms are net 30 days. Shipping, handling, special shipping containers and insurance charges are prepaid and added to the invoice. State and local taxes will be added to the invoice where applicable. Payment on partial deliveries will be due on products delivered. Prices and specifications are subject to change without notice. Incorrect prices due to typographical errors are not binding. All sales are subject to the prior approval of Bellco Credit Department. We also accept Visa®, MasterCard®, and American Express® as well as checks and money orders. C.O.D. Shipments are also available.

Warranty

Bellco Glass, Inc. warrants to the original purchaser, its products to be free from defects in material and workmanship for a period of one (1) year from the date of shipment, unless otherwise specified. Our obligation under warranty is limited to, at our option, repair, replace, or cause any necessary repairs to be made to, any defective part or parts, which shall be returned to us. Bellco takes no responsibility for damage to merchandise in transit. All such claims must be submitted to the carrier. This warranty shall not apply to any equipment or parts which shall have been repaired or altered outside our factory, or subjected to misuse, negligence, accidents, faulty installation by other parties, or unauthorized repairs or modifications. In addition, Bellco Glass, Inc., shall not be responsible to the original purchaser or any other party or parties for bodily or property loss, damages, or injuries of any kind or nature through either direct or indirect use of the product. This warranty is made expressly in lieu of any and all other warranties, expressed or implied, or statutory as to the merchantability, fitness for purpose sold, description, quality, productiveness, or any other matter. All other such warranties are specifically excluded.

Product Specifications

Bellco makes every effort to provide accurate product specifications. However, our continued efforts of product improvements and supplied product availability may change listed specifications. Thus, specifications are subject to change without notice. Please inform us of any situation that negatively affects your application.

Handling Claims

Bellco makes every effort to adequately pack merchandise to ensure safe arrival at its destination. However, should you receive damaged merchandise, follow these steps for prompt replacement or adjustment.

1. **Please unpack, inspect and notify Bellco Glass of any damages or discrepancies within 10 business days.** Common carriers will not honor claims if not filed promptly.
2. Do not discard any packing material or merchandise.
3. **NOTIFY THE FREIGHT AGENT AT ONCE** for inspection and preparation of claim documents.
4. If the carrier will not perform the inspection, prepare an affidavit stating that they were contacted on a certain date and that they failed to comply with the request. This will support the claim.
5. Send a copy of the claim document along with your name, address and order number to our Customer Service Department which will advise you on the proper method of handling.

Returns

Return orders **MUST** be authorized by Bellco Glass, Inc. Please contact Customer Service for a Returned Goods Authorization (RGA) number. RGA numbers will be effective for 30 days. All returns have a restock fee upon agreement.

Items classified as specials are not returnable. Bellco Glass, Inc. recognizes that products sold to its customers may have been subjected or exposed to biohazardous material, radioisotopes, carcinogenic, mutagenic or other potentially hazardous substance or material. Therefore, it is imperative that you meet the following conditions to ensure the safety of Bellco employees and non-employee incidental contact during shipping and handling.

Autoclave, disinfect and clean all Labware and Equipment to minimize biohazards, radioisotopes or other potential chemical hazards. Wipe down items with alcohol, diluted bleach or a commercial disinfectant. Duly note prior exposure to any biohazard and radioisotope or chemical hazard so that Bellco can apply the appropriate handling measures. Your safety or radiation safety officer must supply a letter stating compliance with these measures.

Autoclave and clean all Glassware and Non-Mechanical Labware. Product is to be free of biohazards, radioisotopes or other potential chemical hazards. Leave the autoclave indicator (tape or label) on the product to confirm decontamination.

Please label broken glassware submitted for repair or analysis as such.



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Patents

We cannot assume responsibility for patent infringements on items made to customer specifications. This publication shall neither be construed as recommending the infringement of any patent, nor extending any license, expressed or implied, nor assuming any liability under any issued or pending patent.

Shipping Weight

Weights shown within this catalog are approximate and should not be considered the final shipping weight for calculating shipping charges.

Equipment

Equipment shall be disinfected and cleaned to minimize biohazards, radioactivity or chemical hazards. Items should be wiped down with disinfectants such as alcohol, diluted bleach or commercial disinfectant.

Personalized Pipettes and Color Coding

Bellco offers pipettes personalized with customer's choice of identification, such as name, department, project number, etc. Bellco can also color code pipettes.

Personalized Glassware

Bellco can permanently amber stain the majority of glassware item in this catalog. As well as personalize each glassware with your lab name, project number or any designation up to 12 letters, digits or spaces in length. The cost for this service depends upon the size or the value of your order.

NOTE: Because of their configuration or low price, some items such as, disposable culture tubes and Pasteur pipettes are impractical to personalize.

PLEASE NOTE: Please be sure to specify personalization carefully. We cannot accept returns or issue credit on personalized glassware.

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