



Single-Use Bioprocess Containers, Assemblies and Systems



ISO Class 7 Cleanroom



Custom Assemblies
See pg. 17

T 1.800.843.1794
F 1.800.922.4361

www.cglifesciences.com
customer-service@cglifesciences.com



EXCLUSIVELY THROUGH CHEMGLASS LIFE SCIENCES

24" length of weldable TPE tubing for its excellent barrier properties

30mm, 0.22µM vent filter

1/4" pinch clamp

Stopper design includes strain relief to prevent tube kinking

High-clarity, PETG bottle with molded graduations

V-notched dip tube extends to bottom for maximum drainability



Individually, irradiated caps available separately

CLS-1168-series

Single-Use Media Bottle Assemblies, PETG, Transfer, Feed

- Strain relief molded into stopper at tubing exit areas to prevent kinking
- Manufactured, assembled and packaged in Class 7 cleanroom
- ISO 13485 Certified GMP
- USP Class VI approved materials
- Animal Derived Component Free (ADCF)

Our single-use bottle assemblies are available in a wide range of standard sizes from 125mL to 2L. Each bottle assembly includes a PETG bottle, a 2-port closure assembly that includes a 30mm 0.22µM vent filter, a 24-inch length of tubing with a plugged end, a 1/4" pinch clamp, a V-notched dip tube that extends to the bottom of the bottle and a polypropylene cap. The assembly is made from pharmaceutical grade thermoplastic elastomer (TPE) resin. The entire system is designed to ensure an unobstructed fluid path. Each unit is double poly-bagged and irradiated at 25kGY-40kGY.

Single-Use, PETG, Media Bottle Assemblies

Part No.	Cap. (mL)	No. of Ports	Qty.	Price
CLS-1168-0125	125	2	10	\$456.75 *
CLS-1168-0250	250	2	10	\$502.95 *
CLS-1168-0500	500	2	5	\$288.75 *
CLS-1168-1000	1,000	2	5	\$346.50 *
CLS-1168-2000	2,000	2	5	\$425.25 *

Caps, Irradiated, Individually Bagged

Part No.	Thread Size	Qty.	Price
CLS-1168-0038	38-430 GPI	2	\$5.15 *
CLS-1168-0053	53B	2	\$7.20 *

Custom Assemblies and Pricing
1.800.843.1794 • singleuse@cglifesciences.com



Five popular sizes of bottles.

DISCOUNTS: * Not Subject to Discount ♥ Bioreactor Reactor ♣ Celltreat / Consumable LM Products ◇ Life Sciences Consumables.

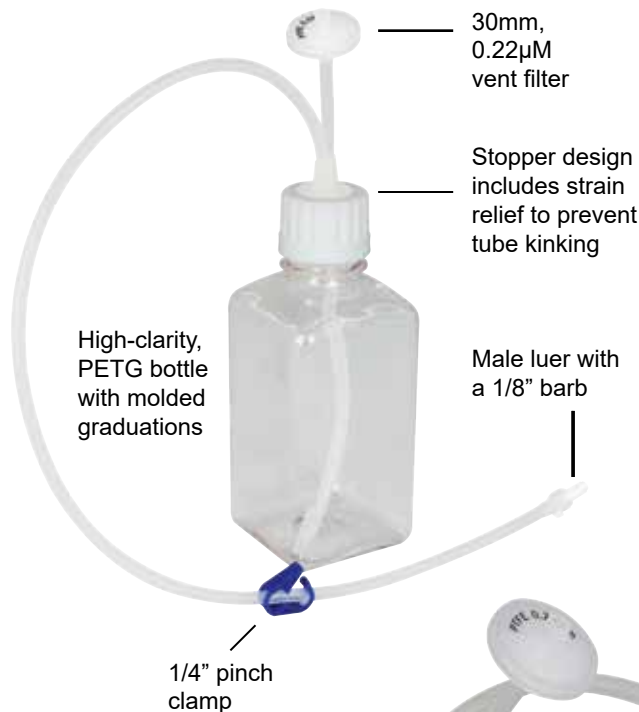
Single-Use Media Bottle Assemblies, PETG, Transfer, Feed with Male Luer with 1/8" Barb

- Strain relief molded into stopper at tubing exit areas to prevent kinking
- Manufactured, assembled and packaged in Class 7 cleanroom
- ISO 13485 Certified GMP
- USP Class VI approved materials
- Animal Derived Component Free (ADCF)

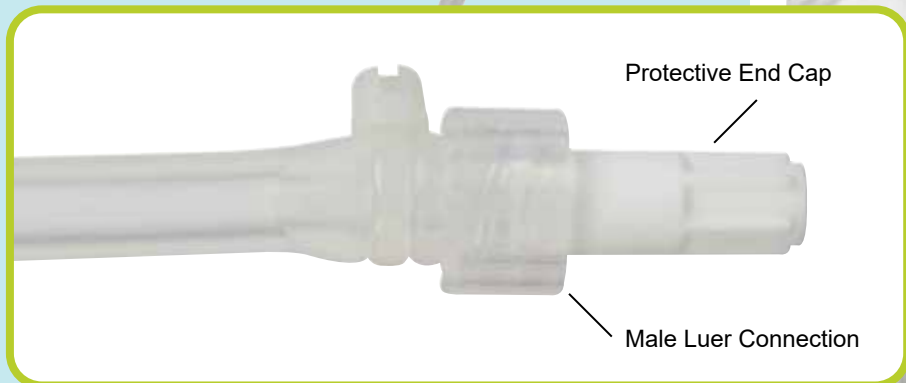
Our single-use bottle assemblies are available in a wide range of standard sizes, from 125mL to 2L. Each bottle assembly includes a PETG bottle, a 2-port closure assembly that includes a 30mm 0.22µM vent filter, a 24-inch length of tubing with a male luer with a 1/8" barb, a 1/4" pinch clamp, a V-notched dip tube that extends to the bottom of the bottle and a polypropylene cap. The assembly is made from pharmaceutical grade thermoplastic elastomer (TPE) resin. The entire system is designed to ensure an unobstructed fluid path. Each unit is double poly-bagged and Gamma Irradiated at 25kGY-40GY. Ideal for customers who do not use a tube welder.

Single-Use, PETG, Media Bottle Assemblies - Male Luer

Part No.	Cap. (mL)	No. of Ports	Qty.	Price
CLS-1168-0125MLC	125	2	10	\$456.75 *
CLS-1168-0250MLC	250	2	10	\$502.95 *
CLS-1168-0500MLC	500	2	5	\$288.75 *
CLS-1168-1000MLC	1,000	2	5	\$346.50 *
CLS-1168-2000MLC	2,000	2	5	\$425.25 *



Male Luer with 1/8" Barb



**CHEMcell®
Rocker
Bioreactor**
See our
website!



CLS-1207-series

Cell Culture Bags, Ultra Clear, 6-Port, Compatible with GE Wave™ Rocking Platforms

Cell culture bags are manufactured from ultra clear Flex 600 robust film and gamma irradiated. The film meets USP Class VI specifications and is contamination free. The inner product contact material is low density polyethylene. All bags and components content materials are USP Class VI tested. Excellent choice for mammalian and plant culture cell lines with extended mixing times.

Six-Port, Ultra Clear, Cell Culture Bags

Part No.	Capacity (L)	No. of Ports	Qty.	Price
CLS-1207-10M	10	6	10	\$2,042.45 ♥
CLS-1207-20M	20	6	10	\$2,219.70 ♥
CLS-1207-22M	22	6	10	\$2,250.65 ♥
CLS-1207-50M	50	6	10	\$2,375.45 ♥



See the CHEMcell Rocker Bioreactor, CLS-1200-series on the web: www.cglifesciences.com

3L Media Transfer Vessels with Barbed Fittings, Weldable C-Flex Tubing, Plugged, Plain or Baffled Bottom, Sterile

Media transfer vessels are ideal for doing gravity feeds from sterile 3L vessels. Fernbach flasks are sterile and individually double bagged.

Three liter polycarbonate flasks with filter caps have 3/16" barbed fittings that accept 1/8" ID, 1/4" OD weldable C-Flex® tubing ending in a plug. Each is supplied complete with a tubing clamp. Irradiated sterile. Call for bulk pricing.

3L Media Transfer Vessels, Sterile, Complete

Part No.	Bottom Type	Qty.	Price
CLS-1171-3LP	Plain	1	\$184.50 *
CLS-1171-3LB	Baffled	1	\$184.50 *



CLS-1171-3LP
Plain Bottom



CLS-1171-3LB
Baffled Bottom



DISCOUNTS: * Not Subject to Discount ♥ Bioreactor Reactor ♣ Celltreat / Consumable LM Products ◇ Life Sciences Consumables.



SCMPC250PC Special



MPCCK32003
Sealing Cap with Lock
Quick Connect



CLS-1171-5LQC

Tubing Clamp included ▶

Platinum-cured
Silicone Tubing ▶



Plugged End



CLS-1171-5LWT

Tubing Clamp included ▶

C-Flex Tubing ▶

5L Sterile Media Transfer Flask with Platinum-Cured Silicone Tubing and Quick Disconnect

- Quick disconnect fitting on tubing
- 1/4" ID x 7/16" OD platinum-cured silicone tubing

Dual purpose, 5L transfer flasks are designed for the sterile transfer of liquids as well as for single-use inoculation vessels. They're ideal for use doing gravity feed from sterile, 5L vessels.

Erlenmeyer-style, polycarbonate flask includes a cap with 0.2 µm hydrophobic filter, 3/16" barbed fitting, 1/4" ID x 7/16" OD platinum-cured tubing, tubing clamp and quick disconnect. Supplied gamma irradiated, sterile and individually double bagged.

5L Media Transfer Flask with Quick Disconnect

Part No.	Vol. (L)	Qty.	Price
CLS-1171-5LQC	5	1	\$199.85 *

5L Sterile Media Transfer Flask with C-Flex® Tubing and Plugged End

- Tubing end is plugged
- 1/4" ID X 3/8" OD weldable, C-Flex tubing

Dual purpose, 5L transfer flasks are designed for the sterile transfer of liquids as well as for single-use inoculation vessels. They're ideal for use doing gravity feed from sterile, 5L vessels.

Erlenmeyer-style, polycarbonate flask includes a cap with 0.2 µm hydrophobic filter, 1/4" barbed fitting, 1/4" ID x 3/8" OD or 1/4" ID x 7/16" OD weldable C-Flex® tubing with a plugged end and tubing clamp. Supplied gamma irradiated, sterile and individually double bagged.

5L Media Transfer Flask with Plugged Tubing

Part No.	Tube Size	Vol. (L)	Qty.	Price
CLS-1171-5LWT	17	5	1	\$199.85 *
CLS-1171-5LWB	24	5	1	\$199.85 *

CUSTOM FLUID TRANSFER SOLUTIONS designed for the unique needs of your process.



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CGN-2165-5L

NEST Polycarbonate Flasks with Filter Vent Caps , Sterile

- High-clarity polycarbonate construction
- Clear graduation scale for easy observation
- Sterilized by E-Beam, non-pyrogenic
- Packaged in sterile bags, 4 per case
- Volume recommendation: 30-40% of bottle volume
- Suggested rotation start speed: 75-125RPM (control rotation speed per application)

5L Erlenmeyer flask is designed to help scale-up suspension culture with space efficiency in mind. The flasks are sterile and ready-to-use, ideal for shaker culture applications, and storage. Polycarbonate flask with HDPE vent cap with 0.2µm hydrophobic filter for gas exchange without contamination. Bottle dimensions: 90mm Bottle Neck Diameter, 285mm H, 230mm Bottom Diameter.

NEST 5 Liter, Polycarbonate Flasks with Filter Vent Caps, Sterile

Part No.	Volume (L)	Qty.	Price
CGN-2165-5L	5	4	\$246.20 *

Flasks, Erlenmeyer, Baffled, Sterile, Polycarbonate

Quadruple baffled Erlenmeyer flasks are sterile, non-pyrogenic and manufactured with polycarbonate resin. Flasks are supplied with either exclusive DuoCap® designed for both aerobic and anaerobic applications (for aerobic applications the cap utilizes a 0.22µm pore size PTFE membrane for sterile air exchange; for anaerobic applications the cap can easily be converted to a solid cap design) or green filter caps. Solid top caps are also ideal for applications requiring mixing, shaking and storage of biological fluids. Graduations are molded for accuracy. New EZ-Tear packaging allows for easy access.

Baffled, Polycarbonate, Erlenmeyer Flasks, Sterile



CLS-2091-series
CLS-2093-series
Blue Duo Caps

Part No.	Cap. (mL)	Cap Type	GPI Thread Size	Qty.	Price
Flasks with Blue Duo Caps					
CLS-2093-125S	125	Blue Duo	38-430	24	\$178.60 ◇
CLS-2093-250S	250	Blue Duo	38-430	12	\$105.05 ◇
CLS-2093-500S	500	Blue Duo	38-430	12	\$139.40 ◇
CLS-2093-100S	1000	Blue Duo	53-B	6	\$104.85 ◇
CLS-2093-200S	2000	Blue Duo	53-B	6	\$125.40 ◇
Flasks with Blue Duo Caps in Bulk Packs					
CLS-2091-125B	125	Blue Duo	38-430	144	\$976.55 ◇
CLS-2091-250B	250	Blue Duo	38-430	72	\$573.85 ◇
CLS-2091-500B	500	Blue Duo	38-430	48	\$507.20 ◇
CLS-2091-100B	1000	Blue Duo	53-B	24	\$381.30 ◇
CLS-2091-200B	2000	Blue Duo	53-B	24	\$456.95 ◇

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Flasks, Erlenmeyer, Plain, Sterile, Polycarbonate

Erlenmeyer flasks are sterile, non-pyrogenic and manufactured with polycarbonate resin. Flasks are supplied with exclusive DuoCap® designed for both aerobic and anaerobic applications. For aerobic applications the cap utilizes a 0.22µm pore size PTFE membrane for sterile air exchange. For anaerobic applications the cap can easily be converted to a solid top design. Solid top caps are also ideal for applications requiring mixing, shaking and storage of biological fluids. Graduations are molded for accuracy. New EZTear packaging allows for easy access.

Polycarbonate Erlenmeyer Flasks with Blue Duo Caps

Part No.	Cap. (mL)	Cap Type	GPI Thread Size	Qty.	Price
Flasks with Blue Duo Caps					
CLS-2092-125S	125	Blue Duo	38-430	24	\$174.60 ◇
CLS-2092-250S	250	Blue Duo	38-430	12	\$102.25 ◇
CLS-2092-500S	500	Blue Duo	38-430	12	\$139.40 ◇
CLS-2092-100S	1000	Blue Duo	53-B	6	\$103.85 ◇
CLS-2092-200S	2000	Blue Duo	53-B	6	\$126.00 ◇
Flasks with Blue Duo Caps in Bulk Packs					
CLS-2090-125B	125	Blue Duo	38-430	144	\$976.55 ◇
CLS-2090-250B	250	Blue Duo	38-430	72	\$573.85 ◇
CLS-2090-500B	500	Blue Duo	38-430	48	\$507.20 ◇
CLS-2090-100B	1000	Blue Duo	53-B	24	\$381.30 ◇
CLS-2090-200B	2000	Blue Duo	53-B	24	\$456.95 ◇



CLS-2090-series
CLS-2092-series
Blue Duo Caps

Erlenmeyer PETG Flasks with HDPE Vent Caps, Flat Base, Sterile, Nest

- PETG flask with HDPE vent cap
- Ideal for shaker culture applications.
- Sterilized by E-Beam
- Non-pyrogenic
- Packaged in sterile bags
- Breathable membrane
- 0.22µm hydrophobic filter for gas exchange
- Non-toxic and environmentally friendly

PETG Erlenmeyer Flasks with HDPE Vent Caps, Sterile

Part No.	Cap. (mL)	Qty.	Reg. Price	SALE Price
CGN-2092-125	125	24	\$132.75	\$106.20 ♣
CGN-2092-250	250	12	\$89.65	\$71.72 ♣
CGN-2092-500	500	12	\$118.00	\$94.40 ♣
CGN-2092-1000	1,000	6	\$93.05	\$74.44 ♣



CGN-2092-series

Flasks, Polycarbonate, Vented Caps, Baffled Bottom

CELLTREAT® Erlenmeyer and Fernbach culture flasks are designed for shaker and cell culture applications. All flasks feature a 70mm neck size that provides easy access for filling and dispensing. The unique shape of the Fernbach flask provides an increased surface area to volume ratio for improved gas exchange. The flasks are available in 2L Erlenmeyer, 2L and 3L Fernbach sizes, with baffled bottoms. The polypropylene caps are knurled for secure grip and are configured in 70mm large vent or non-vented styles. The flasks are constructed from an optically clear polycarbonate material that can be autoclaved. All flasks include a vented cap and are individually packed in bags and gamma irradiation sterilized. Additional caps are available separately.

Polycarbonate Flasks with Baffled Bottoms and Vented Caps

Part No.	Type	Vol. (L) / Max. Vol. (mL)	Cap Size (mm)	Qty.	Reg. Price	SALE Price
CLS-2171-EB2L	Erlenmeyer	2 / 2,200	70	6	\$229.00	\$183.20 ♣
CLS-2171-FB2L	Fernbach	2 / 2,400	70	6	\$263.00	\$210.40 ♣
CLS-2171-FB3L	Fernbach	3 / 4,000	70	4	\$260.00	\$208.00 ♣

Polypropylene Caps

Part No.	Cap Type	Cap Size (mm)	Qty.	Reg. Price	SALE Price
CLS-2172-V070	vented	70	1	\$155.00	\$124.00 ♣
CLS-2072-S070	solid	70	1	\$78.00	\$62.40 ♣

Flasks, Polycarbonate, Vented Caps, Plain Bottom

CELLTREAT® Erlenmeyer and Fernbach culture flasks are designed for shaker and cell culture applications. All flasks feature a 70mm neck size that provides easy access for filling and dispensing. The unique shape of the Fernbach flask provides an increased surface area to volume ratio for improved gas exchange. The flasks are available in 2L Erlenmeyer, 2L and 3L Fernbach sizes, with plain bottoms. The polypropylene caps are knurled for secure grip and are configured in 70mm large vent or non-vented styles. The flasks are constructed from an optically clear polycarbonate material that can be autoclaved. All flasks include a vented cap and are individually packed in bags and gamma irradiation sterilized. Additional caps are available separately.

Polycarbonate Flasks with Plain Bottoms and Vented Caps

Part No.	Type	Vol. (L) / Max. Vol. (mL)	Cap Size (mm)	Qty.	Reg. Price	SALE Price
CLS-2170-EP2L	Erlenmeyer	2 / 2,200	70	6	\$227.00	\$181.60 ♣
CLS-2170-FP2L	Fernbach	2 / 2,400	70	6	\$260.00	\$208.00 ♣
CLS-2170-FP3L	Fernbach	3 / 4,000	70	4	\$258.00	\$206.40 ♣

Polypropylene Caps

Part No.	Cap Type	Cap Size (mm)	Qty.	Reg. Price	SALE Price
CLS-2172-V070	vented	70	1	\$155.00	\$124.00 ♣
CLS-2072-S070	solid	70	1	\$78.00	\$62.40 ♣



CLS-2171-series



CLS-2170-series

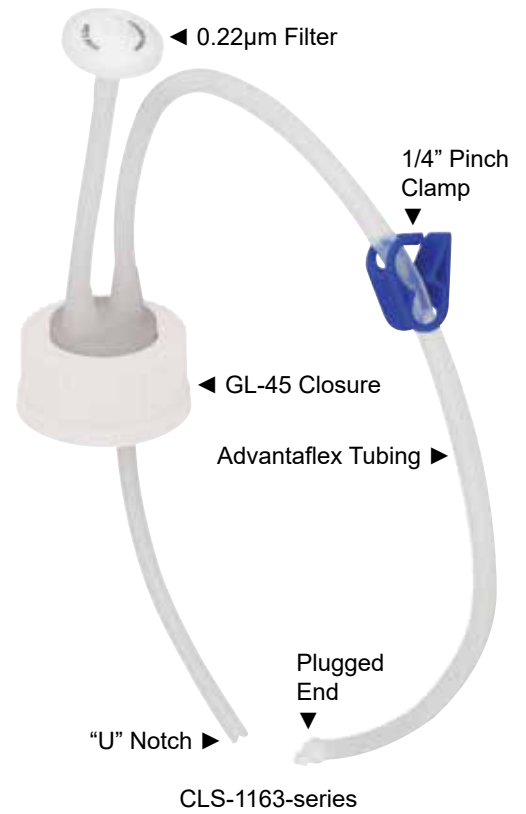
DISCOUNTS: * Not Subject to Discount ♡ Bioreactor Reactor ♣ Celltreat / Consumable LM Products ◇ Life Sciences Consumables.

Feed Bottle Transfer Assemblies with GL-45 Threaded Caps, Two Ports, Advantaflex Tubing, Sterile

Chemglass Life Sciences GL-45 cap transfer assemblies are available in sizes from 125mL-1L. These transfer assemblies are extremely helpful for sterile transfer of liquids from containers or bottles which have a GL-45 threaded neck. Our assemblies are a great choice to achieve sterile fluid transfer when using Corning and Thermo Fisher filter systems and storage bottles.

Each 2-port GL-45 closure assembly includes a 0.22um filter, 24-inch length of Advantaflex tubing with a plugged end, 1/4" pinch clamp and a V- notched dip tube. The assembly is made from pharmaceutical grade thermoplastic elastomer resin. Manufactured, assembled and packaged in a Class 7 cleanroom, USP Class VI approved components. Each assembly is individually double poly-bagged and gamma-irradiated.

Please note: Compatible with Fisher / Nunc brand and Corning brand filter media bottles.



Two Port Transfer Assemblies with GL-45 Caps, Sterile

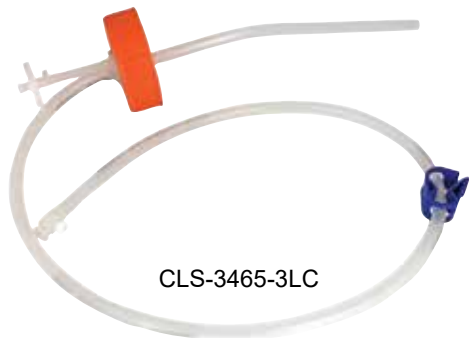
Part No.	Size (mL)	Qty.	Price
CLS-1163-0125	125	5	\$103.84 *
CLS-1163-0250	250	5	\$104.50 *
CLS-1163-0500	500	5	\$106.15 *
CLS-1163-1000	1,000	5	\$106.60 *



EXCLUSIVELY THROUGH CHEMGLASS LIFE SCIENCES

Single-Use Bioprocess Tubing Assemblies to Your Custom Specifications

See pg. 17 for details.



CLS-3465-3LC

3L Transfer Assembly with Plugged End and Weldable C-Flex Tubing, Corning®, Sterile

Transfer cap assemblies for 3L Corning Fernbach flasks. The venting port ends in a 50mm diameter vent filter with a 0.20µm pore PTFE (hydrophobic) membrane and barbed fitting. On the external side you will find 1/8" ID x 1/4" OD weldable C-Flex® tubing with a tubing clamp and ending with a 1/8" end tube plug. The liquid transfer port has an internal end with a rigid 1/8" x 1/4" OD C-Flex dip tube to reach the bottom of the flask. Individually double bagged and gamma irradiated sterile.

3L Transfer Assembly, Corning, Sterile

Part No.	Description	Qty.	Price
CLS-3465-3LC	3L Transfer Assembly, Corning	1	\$240.00 ◇



CLS-3465-3LA

3L Transfer Assembly with Plugged End and Weldable C-Flex Tubing, CellTreat®, Sterile

Transfer cap assemblies for 3L CellTreat Fernbach flasks. The venting port ends in a 50mm diameter vent filter with a 0.20µm pore PTFE (hydrophobic) membrane and barbed fitting. On the external side you will find 1/8" ID x 1/4" OD weldable C-Flex® tubing with a tubing clamp and ending with a 1/8" end tube plug. The liquid transfer port has an internal end with a rigid 1/8" x 1/4" OD C-Flex dip tube to reach the bottom of the flask. Individually double bagged and gamma irradiated sterile.

3L Transfer Assembly, Celltreat, Sterile

Part No.	Description	Qty.	Price
CLS-3465-3LA	3L Transfer Assembly, CellTreat	1	\$240.00 ◇

See the Sterile Transfer Cap Assembly for 20L Nalgene Carboys on page 14.

Pressure Relief Check Valves

Autoclavable Check Valves for Glass Bioreactors

Also used as a gas and liquid back-flow preventer

Safety is paramount when working with glass vessels that see pressure. Hydrophobic vent filters can become blocked due to moisture from the vessel contents. This results in a higher than normal back pressure and an increased chance for the vessel or other system components to fail.

The Chemglass pressure relief valve should be used in situations where the glass vessel could see pressure. The valve is a one-way or non-return device to let gas flow in one direction above a fixed pressure level. It is attached by silicone or comparable tubing to one of vessels head plate ports. If the pressure inside the vessel reaches 3 psig, the valve will open and then close when the pressure falls below 3 psig. The valve is made from FDA / USDA materials and is ultrasonically welded for leak-free service. The housing cannot be opened nor can the pressure setting be adjusted. Valve is fully autoclavable and can be reused or disposed of depending on user requirements. Valve can also be used as a check valve in applications to prevent gases or liquids from back flowing.

Disposable, Pressure Relief, Check Valves

Part No.	Description	Qty.	Price
CLS-1436-00	Pressure Relief / Check Valve	6	\$58.15 ◇



- Cracking pressure: 3 psig
- Hose barbs: 1/4" to 1/4" OD
- Temperature range: 0 to 250°F
- Materials: polypropylene, 316 SS and DuraGrip®
- Vacuum limits: full to 100 psig

OmniTop Sample Tube™ Assemblies, Pre-Sterilized, Single-Use, 15mL and 50mL Centrifuge Tubes

- Sampling & transfer of biopharmaceutical products & reagents in closed systems
- Gas exchange transfer
- Storage of biopharmaceutical products and reagents
- Use with bench top, pilot plant and production bioreactors
- Use with sterile connecting devices and thermal or RF tubing sealers
- Color-coded caps indicate tube material

OmniTop Sample Tubes can be used to obtain fluid samples. Each comes with a pre-attached 0.2µm vent filter and 18" of C-Flex® tubing. They are available with or without internal dip-tubes to facilitate removal of the fluid inside. Blue caps indicate the tubes are polypropylene. Purple caps indicate the tubes are polystyrene.

Samples Tubes can be aseptically connected to your bioreactor or other device using standard tube welders and can also be aseptically sealed and removed (wet or dry) using tubing sealers.

Sample tube assemblies can be customized to suit your specific applications.

PLEASE CONTACT US: tech@cglifesciences.com



15mL Assemblies

Custom Sample Tube Assemblies Available

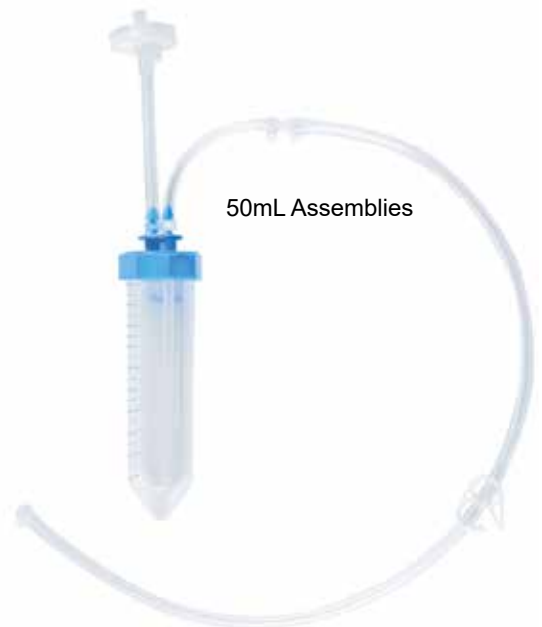
CLS-1407-T-series

15mL Assemblies with C-Flex Inlets, Double Bagged & Gamma Irradiated

Part No.	Vol. (mL)	Cent. Tube Material	Inner Dip Tube Material	Qty.	Price
CLS-1407-T-015	15	PP	no dip tube	10	\$468.00 *
CLS-1407-T-115	15	PS	no dip tube	10	\$468.00 *

50mL Assemblies with C-Flex Inlets, Double Bagged & Gamma Irradiated

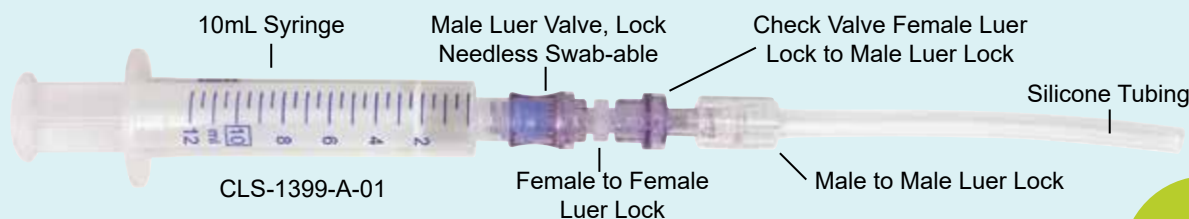
Part No.	Vol. (mL)	Cent. Tube Material	Inner Dip Tube Material	Seal Tube	Qty.	Price
CLS-1407-T-10	50	PP	PP	yes	10	\$353.60 *
CLS-1407-T-12	50	PP	PP	no	10	\$343.40 *



50mL Assemblies

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10mL Bioreactor Syringe Samplers with Luer Lock Connections



Sampler uses all luer style connections, eliminating any needle sampling and risk of puncture injuries. No valves - the sampling valve is opened by the attachment of the sampling syringe and automatically closes once the syringe is removed. Great for cell culture sampling of spinner flasks or bags.

Safety
All luer-style connections make for safe sampling.

10mL Bioreactor Syringe Samplers with Luer Lock Connections

Part No.	Syringe Vol. (mL)	Qty.	Price
CLS-1399-A-01	10	10	\$229.00 *

All Assemblies and Kits are Assembled in a Class 7 Cleanroom



Universal Line Assembly

- Reduces set up time and minimizes labor cost

Universal line assembly is individually bagged and ready to use. Use as a media inlet assembly, sparger line assembly or overlay gas assembly. Includes a 0.22µm PTFE Filter. Manufactured with platinum cured silicone tubing. For sterile applications the assembly can be safely autoclaved.

Part No.	Description	Qty.	Price
CLS-1390-11	Universal Line Assembly	1	\$16.00 *



Condenser Vent Line Assembly

- Polypropylene housing with stepped barbed connections

Condenser line assembly is individually bagged and ready to use. Includes a 50mm 0.22µm PTFE filter with a 1/4"-3/8" stepped barb. Manufactured with platinum cured silicone tubing. For sterile applications the filter can be safely autoclaved up to 30 times. Each filter is identified with a part number and heat stamped with a lot number.

Part No.	Description	Qty.	Price
CLS-1390-12	Condenser Vent Line Assembly	1	\$47.85 *



Sample Line Assembly

- Reduces set up time and minimizes labor cost

Sample line assembly is individually bagged and ready to use. Swabable valve can be used for sampling bioreactors. Manufactured with platinum cured silicone tubing. For sterile applications the Sampler can be safely autoclaved.

Part No.	Description	Qty.	Price
CLS-1390-13	Sample Line Assembly	1	\$19.25 *



EXCLUSIVELY THROUGH CHEMGLASS LIFE SCIENCES

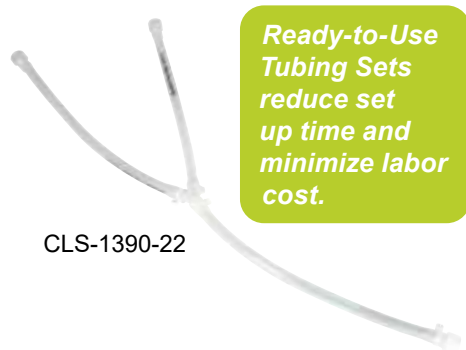
DISCOUNTS: * Not Subject to Discount ♥ Bioreactor Reactor ♣ Celltreat / Consumable LM Products ◇ Life Sciences Consumables.

Y Connector with Male Luer, Ready-to-Use

Manufactured with 5" of platinum cured silicone tubing. For sterile applications the assembly can be safely autoclaved.

Y Connector with Male Luer

Part No.	Qty.	Price
CLS-1390-22	10	\$136.50



CLS-1390-22

Straight Connector with Male Luer, Ready-to-Use

Manufactured with 30" of No. 18 (1/8 x 1/4") platinum cured silicone tubing. For sterile applications the assembly can be safely autoclaved.

Straight Connector with Male Luer

Part No.	Qty.	Price
CLS-1390-23	10	\$136.20 ♥



CLS-1390-23

Cross Connector with Male Luer, Ready-to-Use

Manufactured with 5" of No. 16 (1/8 x 1/4") platinum cured silicone tubing. For sterile applications the assembly can be safely autoclaved.

Cross Connector with Male Luer

Part No.	Qty.	Price
CLS-1390-24	10	\$107.80 ♥



CLS-1390-24

Swabable Valve with 1/8-inch Barb

Unique and innovative patented design allows use in a wide variety of demanding applications where a high flow and a closed system are a must. Valves are DEHP- free, made with ISO-10993 materials and not made with natural rubber latex. Bodies are made with BPA-free materials and polycarbonate. Valves mate securely with standard ISO-594 compliant syringes and connectors.

Ideal for sampling ports in biopharmaceutical applications. Designed for easy, direct assembly to tubing without Luer connectors or solvents and adhesives.

Swabable Valve with 1/8" Barb (Purchase Luer Caps Separately)

Part No.	Description	Qty.	Price
CLS-1390-21V	Swabable Valve with 1/8" Barb	25	\$52.50 ♥
CLS-1390-21C	Non-vented Luer Cap without Stem, Female	25	\$20.00 ♥



CLS-1390-21C

CLS-1390-21V





Sterile Transfer Cap Assembly for 20L Nalgene Carboy

The venting port ends in a 50mm diameter vent filter with a 0.20µm pore PTFE (hydrophobic) membrane and barbed fitting. On the external side you will find 1/2" ID x 3/4" OD, weldable, size 82, C-Flex® tubing with a tubing clamp and a 1/2" end tube plug. The liquid transfer port has an internal end with a rigid 1/2" x 3/4" OD size 82 C-Flex® dip tube to reach the bottom of the carboy. Individually double bagged and gamma irradiated sterile.

Other Transfer Assemblies with Nalgene 83B Caps are also available.

Transfer Assembly for 20L Nalgene Carboy, Sterile

Part No.	Description	Qty.	Price
CLS-3465-20LC	Plugged End and Weldable C-Flex Tubing	1	Call ♥

Single-Use Bioreactor Accessory Kits Ready for Sterilization



CLS-1390-01

Single Use

- Minimize labor costs
- Eliminates cleaning validation
- Reduces set up time and costs

Pre-Fabricated Assemblies

- Minimize injuries associated with cutting in-house
- Improved consistency

Offers Closed System

- Gives the ability to assemble in open lab type environment
- Provides aseptic solution to close off an unused line

Custom Kits and Large Volume Discounts Available

How to Sterilize

- Autoclave max 15 psi @ 134°C, 60 min
- Gamma radiation 25 kGy to 50 kGy

Bioreactor Accessory Kit, Single-Use, Non-Sterile

Part No.	Description	Qty.	Price
CLS-1390-01	Bioreactor Accessory Kit Complete	1	\$232.15 ♥

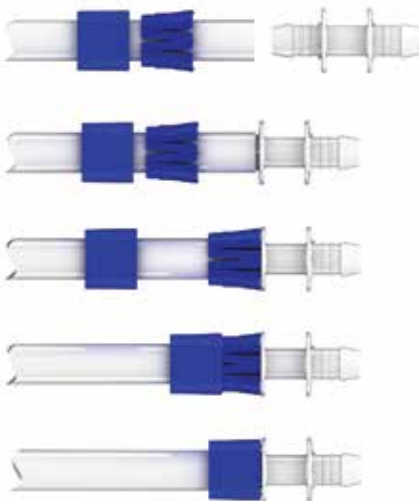
BarbLock® Ultra-Secure Retainer System

- Replaces inconsistent and leak-prone cable ties and traditional clamps
- Compatible with all flexible tubing materials
- Provides 360° radial crimp behind the barb
- Supplies 360° compression over the barb and full dynamic retention
- Eliminates solvent bonding, ultraviolet bonding and toxic adhesives
- Constructed with USP Class VI materials

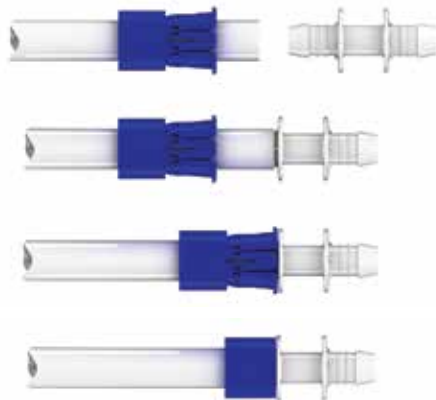
BarbLock® Ultra-Secure Retainers are the most advanced design available in today's demanding connective applications. When it comes to retaining flexible tubing and hose onto barbed fittings, BarbLock retainers are the only system with a full 360° radial crimp behind the barb and 360° of compression directly over the barb's ridge. BarbLock retainers have become the standard in many industries, including biopharmaceutical, medical and laboratory, because they solve inherent leak path problems in sensitive and demanding applications. The retainer uses no adhesives or solvents, is ideal for systems transferring delicate liquids or gases, and is quick and easy to assemble, saving valuable time.

Retainer Assembly

Standard Two-Piece



AL Series One-Piece



BarbLock Retainers available on Custom Tubing Assemblies

Quick and easy to assemble with a full 360° radial crimp behind the barb and 360° of compression directly over the barb's ridge.



Typical Applications

- Biopharmaceutical transport systems
- Flexible tubing and hose retainers
- Disposable assemblies
- Medical equipment and apparatus
- Quick connects

Contact Us for More Information on Custom Assemblies Using BarbLock Retainers

Full 360° compression directly over barb ridge

Full 360° radial crimp

- BarbLock sleeve
- BarbLock collet
- Barbed fitting
- Tubing

BarbLock

VS.

Cable Tie

No 360° radial crimp or seal

Potential for tube distortion

No direct compression over barb



CLS-1436-P-series

Platinum-Cured Silicone Tubing, Medical Grade SILCON® MED-X

- Platinum cured for the highest degree of purity (least extractables)
- Reusable — will withstand repeated sterilization[^]
- Translucent natural color for visual contact with the flow
- Free of BPA, latex and phthalates
- RoHS compliant

SILCON MED-X tubing is made under good manufacturing procedures and conforms to the biocompatibility requirements of USP Class VI. SILCON MED-X's surface properties resist sticking and encrustation and will not support bacteria growth. The tubing is soft, pliable, and contains no plasticizers which could leach out, causing flow contamination or tube hardening. Care is recommended in the selection and application of fittings and clamps as sharp barbed fittings or unlined metal clamps could tear into the wall.

If exposed to repeated steam sterilization or long-term high temperature or pressure, silicone will eventually relax and become gummy. It should then be replaced.

Platinum-Cured Silicone Tubing, Silcon® MED-X

Part No.	OD x ID x Wall Thickness (in.)	Roll Qty. (ft.)	Price
CLS-1436-P01	3/16 x 1/16 x 1/16	50	\$65.10 ◇
CLS-1436-P02	1/4 x 1/8 x 1/16	50	\$65.10 ◇
CLS-1436-P03	5/16 x 1/4 x 3/32	50	\$145.55 ◇
CLS-1436-P04	5/16 x 3/16 x 1/16	50	\$83.30 ◇
CLS-1436-P05	3/8 x 3/16 x 3/32	50	\$87.10 ◇
CLS-1436-P06	3/8 x 1/4 x 1/16	50	\$84.55 ◇
CLS-1436-P07	7/16 x 1/4 x 3/32	50	\$157.85 ◇
CLS-1436-P08	1/2 x 1/4 x 1/8	50	\$200.90 ◇

SILCON MED-X is supplied in individual, heat-sealed polybags and should be sterilized prior to use.

SILCON MED-X is not recommended for implantable or in-body uses or for continuous steam applications.

Other sizes and 60A durometer material are also available, contact us for details.



CLS-1436-T-series

Versilic™, Peroxide-cured, Silicone Tubing in Rolls

Peroxide-cured Versilic Silicone Tubing is designed for applications where flexibility, resiliency and durability are required. Its inner smooth surface reduces the risk of particulate entrapment and microscopic buildup during fluid transfer.

Tubing complies fully with the requirements of the USP Class VI Criteria and is entirely non-toxic, non-hemolytic and non-pyrogenic. It also meets 3-A Sanitary Standards, FDA 21 CFR Part 177.2600 Criteria and NSF 51 Standard. Withstands temperature extremes from -75°F to 350°F.

Sold in standard lengths of 50ft.

Peroxide-cured, Silicone Tubing in Rolls, Versilic™

Part No.	OD (in.)	ID (in.)	Wall Thick (in.)	Roll Length (ft.)	Price
CLS-1436-T20	1/4	1/8	1/16	50	\$49.15 ◇
CLS-1436-T21	5/16	3/16	1/16	50	\$54.00 ◇
CLS-1436-T22	3/8	3/16	3/32	50	\$74.50 ◇
CLS-1436-T23	3/8	1/4	1/16	50	\$65.50 ◇
CLS-1436-T24	7/16	1/4	3/32	50	\$84.00 ◇
CLS-1436-T25	1/2	1/4	1/8	50	\$128.00 ◇

DISCOUNTS: * Not Subject to Discount ♥ Bioreactor Reactor ♣ Celltreat / Consumable LM Products ◇ Life Sciences Consumables.

Single-Use Bioprocess Tubing Assemblies to Your Custom Specifications - 3 Easy Steps

1 DESIGN YOUR ASSEMBLY

Technical specialists work with you to create/design the assembly and provide recommendations on tubing, fittings, quick connects and filter components.

2 QUOTATION and 2D or 3D DRAWING

Fast turnaround on your quotation and drawing of your assembly. The drawing will include details and a subcomponent bill of materials.

3 DELIVERY – SINGLE ORDERS or BLANKET ORDERS

We work with you to meet your deliver needs on single orders or blanket delivery scheduling. Chemglass stocks many fluid handling components such as tubing, fittings, quick connects and filters so they are available when needed.

Let's discuss your custom specifications.

1.800.843.1794
singleuse@cglifesciences.com

ITEM NO	PART NUMBER	DESCRIPTION	QTY
1	30202	Y-CONNECTOR, NATURAL	
2	30302	50µm FILTER, LOCK BASE TUBING, PP	
3	44444	PUMP TUBING, SILICON PLATINUM FLARE	
4	50505	CABLE TIE	

BarbLock® Ultra-Secure Retainers Available on Custom Assemblies

BioSciences
EXCLUSIVELY THROUGH CHEMGLASS LIFE SCIENCES



MPC Series Couplings add ease of use and security to your most critical fluid handling applications. Choose from a full line of connectors and configurations, including pressure sealing caps and plugs, in sizes to fit 1/8", 1/4" and 3/8" tubing. MPC couplings offer optional locking sleeves to further guard against accidental disconnects. In addition, coupling halves can be rotated when connected to reduce tube kinks.

CPC Coupling Bodies with Hose Barbs, Non-Valved, In-Line, Non-Sterile

- Ergonomic thumb latch** Easy to operate – even with gloved hands
- USP Class VI materials** Meet biocompatibility requirements
- Supplied Non-Sterile** Sterilizable by autoclave, EtO, e-beam or gamma radiation
- Parting line-free hose barb** Eliminates potential leak path
- Meet ADCF requirements** BSE-, TSE-free materials



CLS-91402-003



CLS-91404-039



CLS-91406-003

CPC MPC Coupling Body with 1/8" Hose Barb, Non-Valved, In-Line, Non-Sterile

Part No.	CPC Part No.	Material	Qty.	Price
CLS-91402-003	MPC17002T03	polycarbonate	50	\$200.00 *
CLS-91402-039	MPC17002T39	polysulfone	50	\$326.00 *

CPC MPC Coupling Body with 1/4" Hose Barb, Non-Valved, In-Line, Non-Sterile

Part No.	CPC Part No.	Material	Qty.	Price
CLS-91404-003	MPC17004T03	polycarbonate	50	\$146.50 *
CLS-91404-039	MPC17004T39	polysulfone	50	\$246.50 *

CPC MPC Coupling Body with 3/8" Hose Barb, Non-Valved, In-Line, Non-Sterile

Part No.	CPC Part No.	Material	Qty.	Price
CLS-91406-003	MPC17006T03	polycarbonate	50	\$146.50 *
CLS-91406-039	MPC17006T39	polysulfone	50	\$246.50 *

DISCOUNTS: * Not Subject to Discount ♥ Bioreactor Reactor ♣ Celltreat / Consumable LM Products ◇ Life Sciences Consumables.

CPC Back-to-Back Body Adapter, Non-Sterile

- Ergonomic thumb latch** Easy to operate – even with gloved hands
- USP Class VI materials** Meet biocompatibility requirements
- Supplied Non-Sterile** Sterilizable by autoclave, EtO, e-beam or gamma radiation
- Parting line-free hose barb** Eliminates potential leak path
- Meet ADCF requirements** BSE-, TSE-free materials

MPC Series Couplings add ease of use and security to your most critical fluid handling applications. Choose from a full line of connectors and configurations, including pressure sealing caps and plugs, in sizes to fit 1/8", 1/4" and 3/8" tubing. MPC couplings offer optional locking sleeves to further guard against accidental disconnects. In addition, coupling halves can be rotated when connected to reduce tube kinks.

CPC Back-to-Back Body Adapter, MPC x MPC, Non-Sterile

Part No.	CPC Part No.	Material	Qty.	Price
CLS-91407-003	MPC17C1703	polycarbonate	25	\$146.50 *
CLS-91407-039	MPC17C1739	polysulfone	25	\$225.00 *



CLS-91407-series

CPC Back-to-Back Body Adapter, MPC x MPX, Non-Sterile

Part No.	CPC Part No.	Material	Qty.	Price
CLS-91408-003	MPC17X1703	polycarbonate	25	\$202.50 *
CLS-91408-039	MPC17X1739	polysulfone	25	\$352.50 *



CLS-91408-series

CPC MPC Coupling Insert with Hose Barb, Non-Valved, Class VI Polycarbonate, Non-Sterile

- Ergonomic thumb latch** Easy to operate – even with gloved hands
- USP Class VI materials** Meet biocompatibility requirements
- Supplied Non-Sterile** Sterilizable by autoclave, EtO, e-beam or gamma radiation
- Parting line-free hose barb** Eliminates potential leak path
- BSE-, TSE-free materials** Meet ADCF requirements

Reusable, yet economical enough to allow disposability.

CPC MPC Coupling Insert with Hose Barb, Non-Valved, Class VI Polycarbonate, Non-Sterile

Part No.	CPC Part No.	Material	Qty.	Price
CLS-91409-003	MPC22002T03	polycarbonate	50	\$352.50 *



CLS-91409-003

CPC MPC Coupling Insert with Hose Barb, Non-Valved, In-Line, Non-Sterile

Ergonomic thumb latch	Easy to operate – even with gloved hands
USP Class VI materials	Meet biocompatibility requirements
Supplied Non-Sterile	Sterilizable by autoclave, EtO, e-beam or gamma radiation
Parting line-free hose barb	Eliminates potential leak path
Meet ADCF requirements	BSE-, TSE-free materials

Reusable, yet economical enough to allow disposability.



CLS-91410-003

CPC MPC Coupling Insert with 1/8" Hose Barb, Non-Valved, In-Line, Non-Sterile

Part No.	CPC Part No.	Material	Qty.	Price
CLS-91410-003	MPC22002T03M	polycarbonate	50	\$200.00 *
CLS-91410-039	MPC22002T39M	polysulfone	50	\$319.00 *



CLS-91411-003

CPC MPC Coupling Insert with 1/4" Hose Barb, Non-Valved, Non-Sterile

Part No.	CPC Part No.	Material	O-Ring Seal	Qty.	Price
CLS-91411-003	MPC22004T03	polycarbonate	Buna-N USP Class V	50	\$91.25 *
CLS-91411-03M	MPC22004T03M	polycarbonate	Silicone USP Class VI	50	\$146.50 *
CLS-91411-39M	MPC22004T39M	polysulfone	Silicone USP Class VI	50	\$240.50 *

CPC ASEPTIQUIK® S Series Connectors, Non-Sterile

- Genderless design** Eases integration of single-use systems with one part number for both halves
- Robust construction** Repeatable and reliable performance with no additional hardware required
- FLIP-CLICK-PULL** Innovative three-step connection process reduces risk of operator error
- Integrated pull tab** Connectors have an integrated pull tab that acts as a protective cover reducing part complexity and ensures simultaneous removal of both membranes
- CPC “Click”** Audible confirmation of assembly

Specifications	Material	Polycarbonate, USP Class VI, ADCF
	Material Finish	Molded White
	Pressure Range	Up to 60 psi, 4.1 bar
	Color	White with blue tab covers
	Mounting Option	Free Floating
	Supplied Non-Sterile	Autoclave and Gamma Radiation Compatible
	Temperature Range	39 - 104°F (4 - 40°C)
	Seal Options	Silicone, Platinum-cured, USP Class VI, ADCF
Valve Option	Non-Valved	

CPC ASEPTIQUIK® S Series Genderless Connectors, Non-Sterile (Gamma Radiation Only)

Part No.	CPC Part No.	Hose Barb (in.)	Pack Qty.	Price
CLS-91309-002	AQS17002	1/8	5	\$196.60 *
CLS-91309-004	AQS17004	1/4	5	\$196.60 *
CLS-91311-012	AQS33012	3/4 sanitary	5	\$205.45 *

CPC ASEPTIQUIK® S Series High Temperature Genderless Connectors, Non-Sterile (Autoclave and Gamma Radiation Compatible)

Part No.	CPC Part No.	Hose Barb (in.)	Pack Qty.	Price
CLS-91309-002HT	AQS17002HT	1/8	5	\$245.60 *
CLS-91309-004HT	AQS17004HT	1/4	5	\$245.60 *
CLS-91311-012HT	AQS33012HT	3/4 sanitary	5	\$254.70 *

*Life Sciences Equipment Product Line

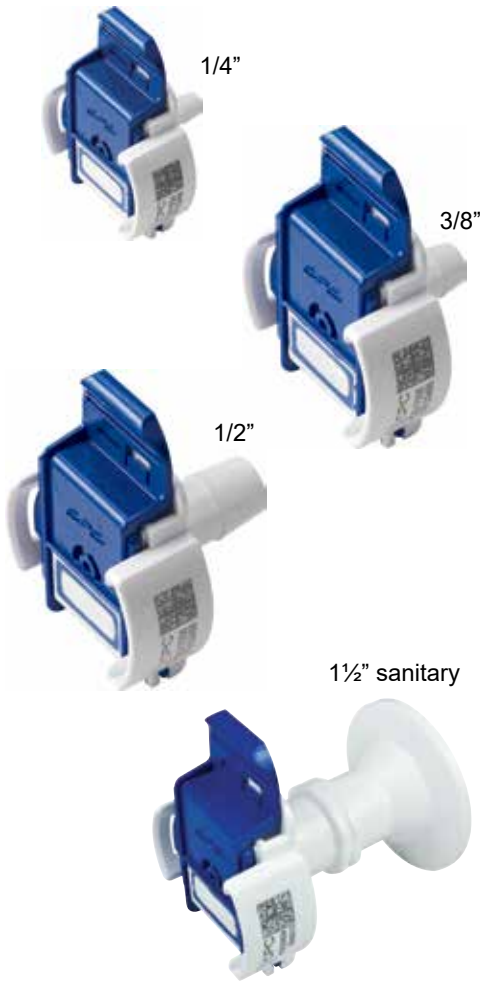


ASEPTIQUIK® S Series Genderless Connectors



ASEPTIQUIK® S Series High Temperature Genderless Connectors

CPC ASEPTIQUIK® G Series Connectors, Non-Sterile



ASEPTIQUIK® G Series Connectors

- Genderless design** Eases integration of single-use systems with one part number for both halves
- Robust construction** Repeatable and reliable performance with no additional hardware required
- FLIP-CLICK-PULL** Innovative three-step connection process reduces risk of operator error
- Integrated pull tab** Connectors have an integrated pull tab that acts as a protective cover reducing part complexity and ensures simultaneous removal of both membranes
- CPC “Click”** Audible confirmation of assembly

Specifications	Material	Polycarbonate, USP Class VI, ADCF
	Material Finish	Molded White
	Pressure Range	Up to 60 psi, 4.1 bar for 30 days; Up to 75 psi, 5.1 bar for 48 hours
	Color	White with blue pull tab
	Mounting Option	Free Floating
	Supplied Non-Sterile	Gamma Radiation Compatible
	Temperature Range	34 - 104°F (1 - 40°C)
	Seal Options	Silicone, Platinum-cured, USP Class VI, ADCF
	Valve Option	Non-Valved

CPC ASEPTIQUIK® G Series Genderless Connectors, Non-Sterile (Gamma Radiation Only)

Part No.	CPC Part No.	Hose Barb (in.)	Pack Qty.	Price
CLS-91305-004	AQG17004	1/4	5	\$244.55 *
CLS-91305-006	AQG17006	3/8	5	\$244.55 *
CLS-91305-008	AQG17008	1/2	5	\$244.55 *
CLS-91305-012	AQG17012	3/4	5	\$253.95 *
CLS-91307-012	AQG33012	3/4 sanitary	5	\$257.65 *
CLS-91307-024	AQG33024	1 1/2 sanitary	5	\$301.75 *

*Life Sciences Equipment Product Line

Flip, Click and Pull Assembly Procedure

FLIP

Unsnap and flip down the protective pull tab covers on each connector half.



CLICK

Align connector halves with pull tabs hanging down. Slide halves together. Independently squeeze each side of connector until you hear an audible “click.”



PULL

To complete the connection, simply snap the pull tabs together by pushing on the CPC logos and pull the membranes from the connector.



CPC ASEPTIQUIK® C Series Connectors, Non-Sterile

- CLICK-PULL-TWIST Design** Intuitive three-step connection process reduces risk of operator error
- Membrane pull tabs** Ensure simultaneous and secure removal of both membranes
- Robust construction** Repeatable and reliable performance with no additional hardware required
- Integrated lock ring** Secures final connection preventing disassembly
- CPC “Click”** Audible confirmation of completed assembly steps

Specifications	Material	Polycarbonate, USP Class VI, ADCF
	Material Finish	Molded White
	Pressure Range	Up to 60 psi, 4.1 bar
	Color	White with blue pull tab
	Mounting Option	Free Floating
	Supplied Non-Sterile	Gamma Radiation Compatible
	Temperature Range	39 - 104°F (4 - 40°C)
	Seal Options	Silicone, Platinum-cured, USP Class VI, ADCF
	Valve Option	Non-Valved



ASEPTIQUIK® C Series Connector Body
CLS-91300-series



ASEPTIQUIK® C Series Connector Insert
CLS-91303-series

CPC ASEPTIQUIK® C Series Connectors, Non-Sterile (Gamma Radiation Only)

Part No.	CPC Part No.	Desc.	Hose Barb (in.)	Pack Qty.	Price
CLS-91300-006	AQC17006	body	3/8	5	\$245.30 *
CLS-91300-008	AQC17008	body	1/2	5	\$245.30 *
CLS-91303-006	AQC22006	insert	3/8	5	\$257.00 *
CLS-91303-008	AQC22008	insert	1/2	5	\$257.00 *

Click, Pull and Twist Assembly Procedure

CLICK

Align male and female couplings; push until “click” is heard. Slight rotation of lock ring may be required for proper alignment prior to connection.



PULL

Snap membrane pull tabs together and pull from connector.



TWIST

Twist the blue lock ring clockwise until “click” and rib to arrow alignment confirms secure final connection.





ASEPTIQUIK® X Large Format
Connector Body
CLS-91313-012



ASEPTIQUIK® X Large Format
Connector Insert
CLS-91314-012

ASEPTIQUIK® X Large Format 1" Connectors, Non-Sterile

TWIST-PULL-TWIST	Design Intuitive three-step connection process reduces risk of operator error
Membrane pull tabs	Ensure simultaneous and secure removal of both membranes
Robust construction	Repeatable and reliable performance with no additional hardware required
Integrated lock ring	Secures final connection preventing disassembly
CPC Click Audible	Confirmation of completed assembly steps

Specifications	Material	Polycarbonate, USP Class VI, ADCF
	Material Finish	Molded White
	Pressure Range	Up to 60 psi, 4.1 bar
	Color	White with blue pull tab
	Mounting Option	Free Floating
	Supplied Non-Sterile	Gamma Radiation Compatible
	Temperature Range	39 - 104°F (4 - 40°C)
	Seal Options	Silicone, Platinum-cured, USP Class VI, ADCF
Valve Option	Non-Valved	

AseptiQuik® X Large Format 1" Connectors, Non-Sterile (Gamma Radiation Only)

Part No.	CPC Part No.	Desc.	Hose Barb (in.)	Pack Qty.	Price
CLS-91313-012	AQX17012	body	3/4	1	\$100.35 *
CLS-91314-012	AQX22012	insert	3/4	1	\$150.50 *

Non-Valved Coupling Insert, Non-Sterile



CLS-91316-004

Specifications	Material	Polycarbonate, USP Class VI, ADCF
	Material Finish	Natural
	Pressure Range	Up to 60 psi, 4.1 bar
	Color	Purple Tint
	Mounting Option	Free Floating
	Supplied Non-Sterile	Autoclave and Gamma Radiation Compatible
	Temperature Range	-40 - 250°F (-40 - 121°C)
	Seal Options	Silicone, Platinum-cured, USP Class VI, ADCF
Valve Option	Non-Valved	

Non-Valved Coupling Insert, Non-Sterile (Autoclave and Gamma Radiation Compatible)

Part No.	CPC Part No.	Hose Barb (in.)	Pack Qty.	Price
CLS-91316-004	MPC22004T03M	1/4	50	\$79.10 *

DISCOUNTS: * Not Subject to Discount ♥ Bioreactor Reactor ♣ Celltreat / Consumable LM Products ◇ Life Sciences Consumables.

Cable Tie Gun, Plastic, Adjustable Tension, Zip-Tie

Plastic gun works with cable ties up to 0.19" wide and produces 18-50lbs of tensile strength. Gun tightens and cuts. Not compatible with stainless steel ties.

Adjustable Tension, Cable Tie Gun

Part Number	Description	Qty.	Price
CLS-1399-G100	Cable Tie Gun, Plastic, Adjustable Tension	1	\$28.50 ♥



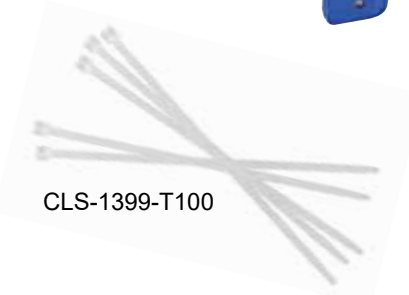
CLS-1399-G100

Cable Ties, 4-inch Length, Nylon 6.6, Autoclavable

Tie wraps are injection-molded of 6.6 nylon and won't corrode or stretch. Durable locking mechanism holds securely. Each natural-color, 4-inch tie is 1/8" wide and has an 18lb strength. Maximum bundle / wrap diameter is 1-inch. Long term temperature range is -40 to 85°C. Short term temperature range is 180°C. Autoclavable.

Nylon Cable Ties, 4-inch

Part Number	Description	Qty.	Price
CLS-1399-T100	Cable Tie, 4" Long, Nylon 6.6, Natural	100	\$4.75 ♥



CLS-1399-T100

Tubing Cutters

For cutting tubing made from plastic, FEP, PTFE, polyethylene, polypropylene, or rubber.

Tubing Cutter

Part No.	Description	Qty.	Price
CG-1975-30	Tubing Cutter	1	\$13.50 *



CG-1975-30

Mobile Spool Rack

Rack is on casters making it easy to move from lab to lab. It will hold up to 6 each 13" spools. With the rack being only 17" wide it can fit into tight spaces between lab benches and hoods. Constructed of powder coated aluminum making the unit light and resistant to most lab environments.

Mobile Spool Rack

Part No.	Dimensions L x W x H (in.)	Qty.	Price
CG-1997-R-10	35 x 17 x 52	1	\$1,904.40 *



CG-1997-R-10



CLS-1399-F50



CLS-1399-F55



CLS-1436-C01



CLS-1436-SP4



CLS-1436-SP5

Male Luer Lock, Needleless Injection Site, Swabable, Polycarbonate, Silicone, Bioreactors

Male Luer Locks

Part No.	Description	Qty.	Price
CLS-1399-F50	Male Luer Lock, Needleless Injection Site, Swabable, Polycarbonate, Silicone	25	\$53.55 ♥

Female to Male Luer Lock, Polycarbonate, Bioreactors

Female to Male Luer Locks

Part No.	Description	Qty.	Price
CLS-1399-F55	Female to Male Luer Lock, Polycarbonate	25	\$37.30 ♥

Flow Control Tube Clamps, 0.45" OD

Acetal clamp is autoclavable; won't rust, corrode or distort. Twelve-position ratchet control adjusts from full flow to complete closure.

Flow Control Tube Clamps

Part No.	Accepts Tubing OD Up to (in.)	Qty.	Price
CLS-1436-C01	0.45	5	\$8.85 ◇
CLS-1436-C02	0.45	25	\$33.00 ◇

Single Position Tubing Clamp for 0.25" OD Tubing

Plastic clamp is manufactured from blue polypropylene and is both autoclavable and gamma stable. Clamp is designed for on/off control of fluid or air. One-hand control and economically priced for disposable applications. Packed 25 per Case.

Tubing Clamps

Part No.	Description	Qty.	Price
CLS-1436-SP4	Tubing Clamp, 1/4" OD, Single Position	25	\$24.00 ◇

Single Position Tubing Clamp for 0.50" OD Tubing

Plastic clamp is manufactured from white polypropylene and is both autoclavable and gamma stable. Clamp is designed for on/off control of fluid or air. One-hand control and economically priced for disposable applications. Packed 25 per Case.

Tubing Clamps

Part No.	Description	Qty.	Price
CLS-1436-SP5	Tubing Clamp, 1/2" OD, Single Position	25	\$32.00 ◇

DISCOUNTS: * Not Subject to Discount ♥ Bioreactor Reactor ♣ Celltreat / Consumable LM Products ◇ Life Sciences Consumables.

Reusable PTFE Vent Filters, 50mm, Non-Sterile, Autoclavable

- 56mm OD PP outer housing with 6-10mm stepped hose barb connections
- 0.2 micron PTFE filter membrane

Designed for bi-directional flow, these filters serve as cost-effective hydrophobic vents for contamination-sensitive materials and as protection from hazardous aerosols. Also used for laboratory vacuum pump protection. **Safely autoclave up to 30 times for sterile applications.**

PTFE Vent Filters, Non-Sterile

Part No.	Membrane (µm)	Filter Dia. (mm)	Qty.	Price
CLS-1397-050A	0.2	50	10	\$169.10 ♥

Multipurpose vent filters are for small-volume gas venting and solvent filtration. Each is identified with part number and heat-stamped lot number.



CLS-1397-050A

PTFE Vent Filters, 50mm, Non-Sterile

- 60mm OD PP outer housing with 6-12mm stepped hose barb connections
- 0.2 micron PTFE filter membrane

Designed for bi-directional flow, they serve as a cost-effective hydrophobic vent for laboratory applications. **Autoclave up to 3 times for standard sterile applications.**

PTFE Vent Filters, Non-Sterile

Part No.	Membrane (µm)	Filter Dia. (mm)	Qty.	Price
CLS-1397-050B	0.2	50	10	\$61.50 ♥



CLS-1397-050B

Single-Use Bioprocess Tubing Assemblies to Your Custom Specifications

See page 17 for details.



ISO Class 7 Cleanroom



Chemglass Life Sciences supports your bioprocess with standard and custom single-use products through CG BioSciences.



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