

Order Information

Closed System for Large Erlenmeyer Flasks

Cat. No.	Product Name	Tubing Specification			Filter	Sterile	Qty. Per Bag	Qty. Per Case
		Tubing Type	Tubing Dimension	Tubing Connector				
TAB300125	Closed System for 125 mL Culture Flasks	Two-port	60 cm, 1/8" ID, 1/4" OD	MLL	0.22 μm, PTFE, φ30 mm	Y	1	4
TAB300250	Closed System for 250 mL Culture Flasks	Two-port	60 cm, 1/8" ID, 1/4" OD	MLL	0.22 μm, PTFE, φ30 mm	Y	1	4
TAB300500	Closed System for 500 mL Culture Flasks	Two-port	60 cm, 1/8" ID, 1/4" OD	MLL	0.22 μm, PTFE, φ50 mm	Y	1	4
TAB300000	Closed System for 1000 mL Culture Flasks	Two-port	60 cm, 1/8" ID, 1/4" OD	MLL	0.22 μm, PTFE, φ50 mm	Y	1	4
TAB301000	Closed System for 1000 mL Culture Flasks	Two-port	60 cm, 1/4" ID, 3/8" OD	Male MPC	0.22 μm, PTFE, φ50 mm	Y	1	4
TAB302000	Closed System for 1000 mL Culture Flasks	Two-port	60 cm, 1/4" ID, 7/16" OD	Heat-Sealing Port	0.22 μm, PTFE, φ50 mm	Y	1	4
TAB300002	Sterile Transfer Cap of 2 L Culture Flasks	Two-port	120 cm, 1/4" ID, 3/8" OD	Male MPC	0.22 μm, PTFE, φ50 mm	Y	1	6
TAB310002	Sterile Transfer Cap of 2 L Culture Flasks	Two-port	120 cm, 1/8" ID, 1/4" OD	MLL	0.22 μm, PTFE, φ50 mm	Y	1	6
TAB331002	Sterile Transfer Cap of 2 L Culture Flasks	Two-port	50 cm, 1/4" ID, 7/16" OD	Heat-Sealing Port	0.22 μm, PTFE, φ50 mm	Y	1	6
TAB300003	Sterile Transfer Cap of 3 L Culture Flasks	Two-port	120 cm, 1/4" ID, 3/8" OD	Male MPC	0.22 μm, PTFE, φ50 mm	Y	1	6
TAB310003	Sterile Transfer Cap of 3 L Culture Flasks	Two-port	120 cm, 1/8" ID, 1/4" OD	MLL	0.22 μm, PTFE, φ50 mm	Y	1	6
TAB331003	Sterile Transfer Cap of 3 L Culture Flasks	Two-port	50 cm, 1/4" ID, 7/16" OD	Heat-Sealing Port	0.22 μm, PTFE, φ50 mm	Y	1	6
TAB311003	Sterile Transfer Cap of 3 L Culture Flasks	Two-port	50 cm, 1/8" ID, 1/4" OD	Heat-Sealing Port	0.22 μm, PTFE, φ50 mm	Y	1	6
TAB321003	Sterile Transfer Cap of 3 L Culture Flasks	Two-port	120 cm, 1/4" ID, 3/8" OD	Heat-Sealing Port with Sterile Sampling Port	0.22 μm, PTFE, φ50 mm	Y	1	6
TAB322003	Sterile Transfer Cap of 3 L Culture Flasks	Two-port	120 cm, 1/8" ID, 1/4" OD	Heat-Sealing Port with Sterile Sampling Port	0.22 μm, PTFE, φ50 mm	Y	1	6
TAB300005	Sterile Transfer Cap of 5 L Culture Flasks	Two-port	100 cm, 1/4" ID, 3/8" OD	Male MPC with Sterile Sampling Port	0.22 μm, PTFE, φ50 mm	Y	1	6
TAB320005	Sterile Transfer Cap of 5 L Culture Flasks	Two-port	100 cm, 1/4" ID, 3/8" OD	Male MPC	0.22 μm, PTFE, φ50 mm	Y	1	6
TAB331005	Sterile Transfer Cap of 5 L Culture Flasks	Two-port	50 cm, 1/4" ID, 7/16" OD	Heat-Sealing Port	0.22 μm, PTFE, φ50 mm	Y	1	6
TAB311005	Sterile Transfer Cap of 5 L Culture Flasks	Two-port	50 cm, 1/8" ID, 1/4" OD	Heat-Sealing Port	0.22 μm, PTFE, φ50 mm	Y	1	6

MLL: male Luer connector with plug; MPC: male MPC connector with plug

Closed System for Media Bottles

Cat. No.	Product Name	Tubing Specification			Filter	Sterile	Qty. Per Bag	Qty. Per Case
		Tubing Type	Tubing Dimension	Tubing Connector				
CSB010250	Closed System for 250mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ30mm	Y	1	10
CSB011250	Closed System for 250mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB012250	Closed System for 250mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Male MPC	0.22μm, PTFE, φ30mm	Y	1	10
CSB211250	Sterile Transfer Cap of 250mL Media Bottle	Two-port	60cm, 1/8" ID, 1/4" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB311250	Sterile Transfer Cap of 250mL Media Bottle	Two-port	60 cm, 1/4" ID, 7/16" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB020250	Sterile Transfer Cap of 250mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ30mm	Y	1	10
CSB021250	Sterile Transfer Cap of 250mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB022250	Sterile Transfer Cap of 250mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Male MPC	0.22μm, PTFE, φ30mm	Y	1	10
CSB110250	Closed System for 250mL Media Bottle	Three-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ30mm	Y	1	10
CSB111250	Closed System for 250mL Media Bottle	Three-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB120250	Sterile Transfer Cap of 250mL Media Bottle	Three-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ30mm	Y	1	10
CSB121250	Sterile Transfer Cap of 250mL Media Bottle	Three-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB010500	Closed System for 500mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ30mm	Y	1	10
CSB011500	Closed System for 500mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB012500	Closed System for 500mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Male MPC	0.22μm, PTFE, φ30mm	Y	1	10
CSB211500	Sterile Transfer Cap of 500mL Media Bottle	Two-port	60cm, 1/8" ID, 1/4" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB013500	Closed System for 500 mL Media Bottle	Two-port	60 cm, 1/4" ID, 7/16" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB020500	Sterile Transfer Cap of 500mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ30mm	Y	1	10

Cat. No.	Product Name	Tubing Specification			Filter	Sterile	Qty. Per Bag	Qty. Per Case
		Tubing Type	Tubing Dimension	Tubing Connector				
CSB021500	Sterile Transfer Cap of 500mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB022500	Sterile Transfer Cap of 500mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Male MPC	0.22μm, PTFE, φ30mm	Y	1	10
CSB110500	Closed System for 500mL Media Bottle	Three-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ30mm	Y	1	10
CSB111500	Closed System for 500mL Media Bottle	Three-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB120500	Sterile Transfer Cap of 500mL Media Bottle	Three-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ30mm	Y	1	10
CSB121500	Sterile Transfer Cap of 500mL Media Bottle	Three-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB010001	Closed System for 1000mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ30mm	Y	1	10
CSB011001	Closed System for 1000mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB012001	Closed System for 1000mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Male MPC	0.22μm, PTFE, φ30mm	Y	1	10
CSB211001	Closed System for 1000mL Media Bottle	Two-port	60cm, 1/8" ID, 1/4" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB311001	Closed System for 1000mL Media Bottle	Two-port	60cm, 1/8" ID, 1/4" OD	FLL	0.22μm, PTFE, φ30mm	Y	1	10
CSB511001	Closed System for 1000 mL Media Bottle	Two-port	60 cm, 1/4" ID, 7/16" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB020001	Sterile Transfer Cap of 1000mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ30mm	Y	1	10
CSB021001	Sterile Transfer Cap of 1000mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB022001	Sterile Transfer Cap of 1000mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Male MPC	0.22μm, PTFE, φ30mm	Y	1	10
CSB110001	Closed System for 1000mL Media Bottle	Three-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ30mm	Y	1	10
CSB111001	Closed System for 1000mL Media Bottle	Three-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB120001	Sterile Transfer Cap of 1000mL Media Bottle	Three-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ30mm	Y	1	10
CSB121001	Sterile Transfer Cap of 1000mL Media Bottle	Three-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ30mm	Y	1	10
CSB010002	Closed System for 2000mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ50mm	Y	1	6
CSB011002	Closed System for 2000mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ50mm	Y	1	6
CSB012002	Closed System for 2000mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Male MPC	0.22μm, PTFE, φ50mm	Y	1	6
CSB014002	Closed System for 2000mL Media Bottle	Two-port	60cm, 1/8" ID, 1/4" OD	Heat-Sealing Port	0.22μm, PTFE, φ50mm	Y	1	6
CSB020002	Sterile Transfer Cap of 2000mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ50mm	Y	1	6
CSB021002	Sterile Transfer Cap of 2000mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ50mm	Y	1	6
CSB022002	Sterile Transfer Cap of 2000mL Media Bottle	Two-port	60cm, 1/4" ID, 3/8" OD	Male MPC	0.22μm, PTFE, φ50mm	Y	1	6
CSB013002	Closed System for 2000mL Media Bottle	Two-port	60 cm, 1/4" ID, 7/16" OD	Heat-Sealing Port	0.22μm, PTFE, φ50mm	Y	1	6
CSB011005	Closed System for 5000 mL Media Bottle	Two-port	60 cm, 1/4" ID, 3/8" OD	Heat-Sealing Port	0.22μm, PTFE, φ50mm	Y	1	4
CSB012005	Closed System for 5000 mL Media Bottle	Two-port	60 cm, 1/4" ID, 3/8" OD	Male MPC	0.22μm, PTFE, φ50mm	Y	1	4
CSB013005	Closed System for 5000 mL Media Bottle	Two-port	60 cm, 1/4" ID, 7/16" OD	Heat-Sealing Port	0.22μm, PTFE, φ50mm	Y	1	4
CSB014005	Closed System for 5000 mL Media Bottle	Two-port	60 cm, 1/8" ID, 1/4" OD	Heat-Sealing Port	0.22μm, PTFE, φ50mm	Y	1	4
CSB021005	Sterile Transfer Cap of 5000 mL Media Bottle	Two-port	60 cm, 1/4" ID, 3/8" OD	FLL	0.22μm, PTFE, φ50mm	Y	1	6
CSB023005	Sterile Transfer Cap of 5000 mL Media Bottle	Two-port	60 cm, 1/4" ID, 7/16" OD	Heat-Sealing Port	0.22μm, PTFE, φ50mm	Y	1	6

Note: In the table, the standard inner tube material of the Closed System for Media Bottles differs by specification: Silicone for the 5000 mL, and PTFE for all other specifications.

Closed System for Centrifuge Tubes/Bottles

Cat. No.	Product Name	Tubing Specification			Filter	Sterile	Packaging		
		Tubing Type	Tubing Dimension	Tubing Connector			Extra Component	Qty. Per Bag	Qty. Per Case
CST010050	Closed System for 50 mL Centrifuge Tube (Self-standing)	Two-port	50cm, 1/8" ID, 1/4" OD	MLL	0.22μm, PTFE, φ30mm	Y	Each closed system comes with a plug seal cap for replacement	1	4
CST010250	Closed System for 250mL Conical Bottle	Two-port	50cm, 1/8" ID, 1/4" OD	MLL	0.22μm, PTFE, φ30mm	Y		1	4
CST010500	Closed System for 500mL Conical Bottle	Two-port	50cm, 1/8" ID, 1/4" OD	MLL	0.22μm, PTFE, φ30mm	Y		1	4

MLL: male Luer connector with plug



Stock Code: 688026

YOUR RELIABLE PARTNER IN LIFE SCIENCE

Closed System Solutions

Achieving Safe and Aseptic Liquid Transfers

- Closed System for Erlenmeyer Flasks
- Closed System for Media Bottles
- Closed System for Centrifuge Tubes/Bottles



Guangzhou Jet Bio-Filtration Co.,Ltd.

Closed System Solutions

In laboratory research and large-scale biopharmaceutical production, liquid transfers between containers—such as for replenishment, sampling, or inoculation—are common. Traditional open transfer methods, like pouring and pipetting, carry significant contamination risks, are time-consuming, and require complex handling. To mitigate contamination, closed liquid transfer systems have become the preferred solution for biopharmaceutical companies.

Jet Biofil has introduced various Closed Systems for Erlenmeyer flasks, media bottles, and centrifuge tubes. These systems are made from USP Class VI compliant materials, utilize premium imported tubing accessories and are manufactured in Class 100,000 cleanrooms. The final products deliver extremely low extractable levels and high biosafety, suitable for cell & gene therapy, antibody and vaccine biopharmaceutical R&D and production processes. They enable fully enclosed aseptic liquid transfer, minimizing contamination risk to the greatest extent.

Mitigating Contamination Risk

Saving Handling Time

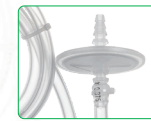
Easing Operation Difficulties

Product Advantages



Transfer Cap

Single-piece structure with injection molding techniques to reduce the risk of leaks and residue



0.22µm PTFE syringe filter

Balances the internal and external pressure during liquid transfer while maintaining sterility



Outer Tubing

Heat-weldable medical grade TPE hose with smooth surface and highly elastic



Connectors

Multiple connectors are available to meet various bioprocess pipeline requirements



Inner Tubing

Can be extended to the bottom to ensure complete transfer

Quality Assurance

Extremely Low Extractable Levels

- ✓ USP<665> <1665> and BPOG Extractables Study

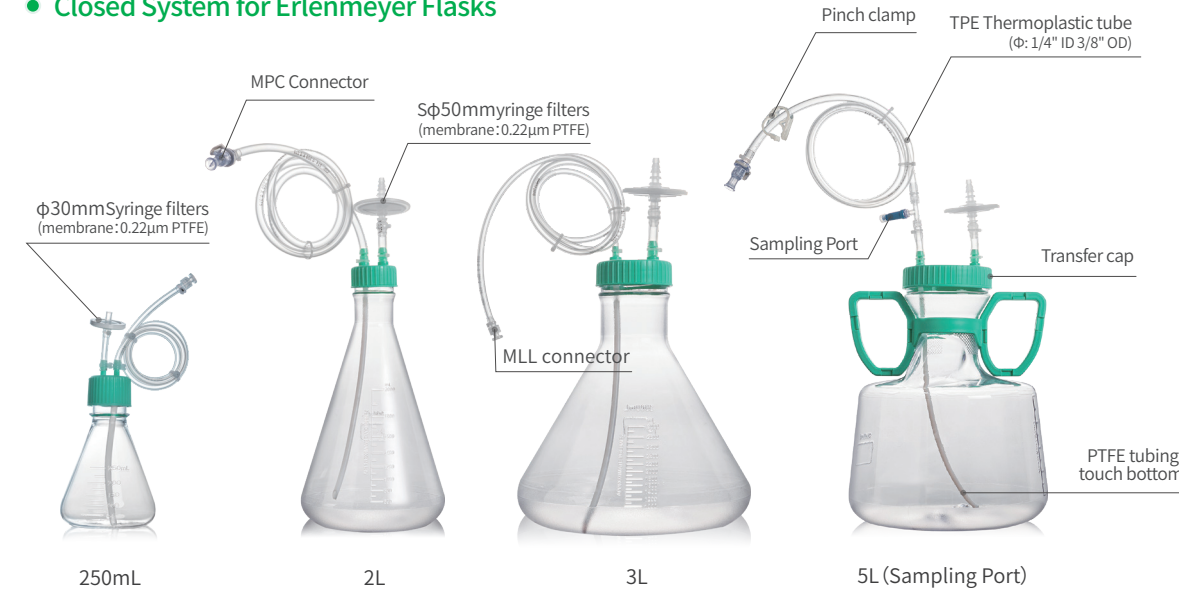
Excellent Biosafety

- ✓ USP<87> Cytotoxicity
- ✓ USP<88> Intradermal Irritation Test
- ✓ USP<88> Acute Systemic Toxicity
- ✓ USP<88> Implantation Test
- ✓ ISO 10993 Sensitization Test
- ✓ ASTM F756 Hemolysis Test
- ✓ USP<85> Endotoxins
- ✓ USP<151> Pyrogens
- ✓ USP<788> Insoluble Particulates
- ✓ USP<661.2> Physicochemical Testing

Sterilized by irradiation, SAL 10⁻⁶; DNase/RNase-free

Product Structures

Closed System for Erlenmeyer Flasks

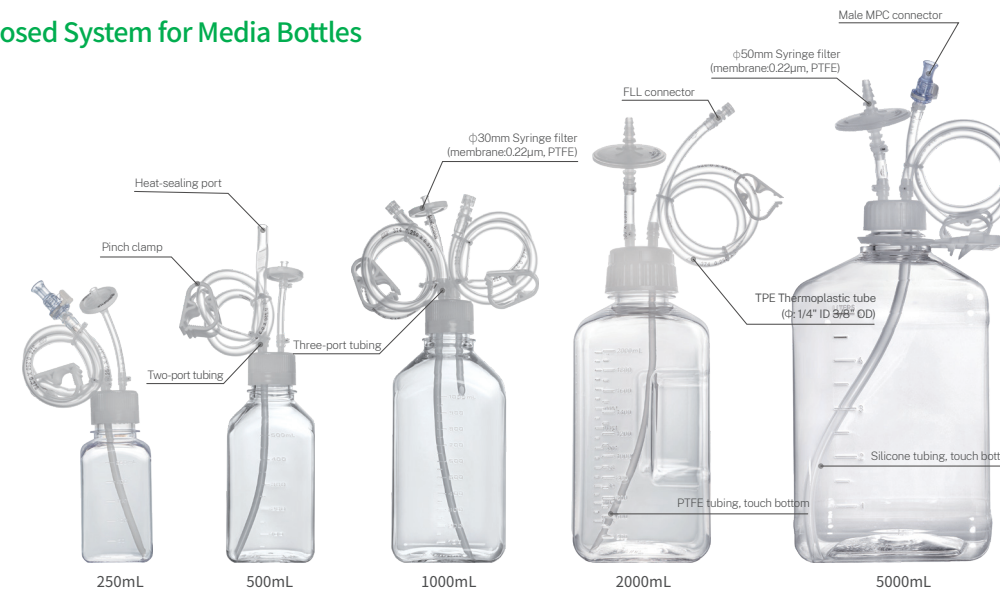


Specifications of matching Erlenmeyer flask: 125mL 250mL 500mL 1000mL 2L 3L 5L

Type of tube connector: MPC connector and MLL connector

Material: Bottle cap (PE) Inner tube (PTFE) Outer tube (TPE) MLL connector (PP)/MPC connector (PC) Filter housing (PP) Filter membrane(PTFE), all conforming to USP Class VI standards

Closed System for Media Bottles



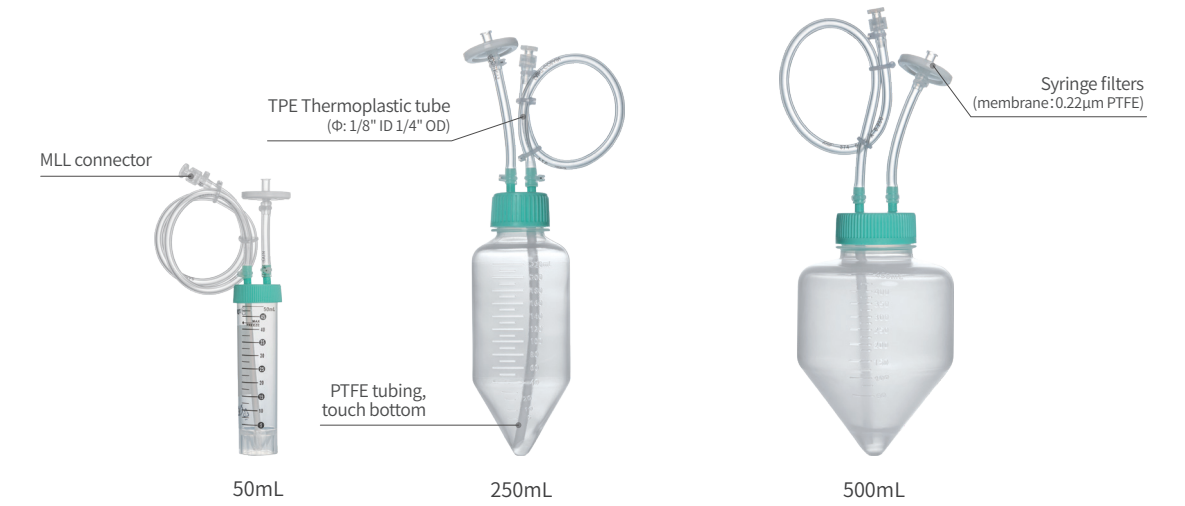
Specifications of matching media bottle: 250mL 500mL 1000mL 2000mL 5000mL

Type of tube connector: MPC connector FLL connector Heat-sealing Port

Specifications of matching tubing: Two-port Three-port

Material: Bottle (PETG) Bottle cap (HDPE) Inner tube (PTFE/silicone) Outer tube (TPE) FLL connector (PP)/MPC connector (PC) Filter housing (PP) Filter membrane(PTFE), all conforming to USP Class VI standards

Closed System for Centrifuge Tubes/Bottles



Specifications of matching conical bottles: 50/250/500mL

Type of tube connector: MLL connector

Specifications of matching tubing: Two-port

Material: Cap (HDPE) Inner tube (PTFE) Outer tube (TPE) MLL connector (PP) Filter housing (PP) Filter membrane(PTFE), all conforming to USP Class VI standards

Customization service

Jet Biofil offers an extensive library of fully validated components including vessels, filters, connectors, tubing, clamps, and plugs making it easy to design a customized closed system solution for your specific application

