

Order Information

Closed System for Large Erlenmeyer Flasks

Cat. No.	Product Name	Tube (Inner and Outer Diameters)	Tube Connector	Filter	Length of Liquid Tube (cm)	Sterile	Qty. Per/Case
TAB300002	Sterile transfer cap of 2L culture flasks	Thermoplastic tube Tube diameter : 1/4" ID, 3/8" OD	Male MPC	PTFE, 0.22µm	120	Y	6
TAB310002	Sterile transfer cap of 2L culture flasks	Thermoplastic tube Tube diameter : 1/8" ID, 1/4" OD	MLL	PTFE, 0.22µm	120	Y	6
TAB300003	Sterile transfer cap of 3L culture flasks	Thermoplastic tube Tube diameter : 1/4" ID, 3/8" OD	Male MPC	PTFE, 0.22µm	120	Y	6
TAB310003	Sterile transfer cap of 3L culture flasks	Thermoplastic tube Tube diameter : 1/8" ID, 1/4" OD	MLL	PTFE, 0.22µm	120	Y	6
TAB300005	Sterile transfer cap of 5L culture flasks	Thermoplastic tube Tube diameter : 1/4" ID, 3/8" OD	MPC With sterile sampling port	PTFE, 0.22µm	100	Y	6
TAB320005	Sterile transfer cap of 5L culture flasks	Thermoplastic tube Tube diameter : 1/4" ID, 3/8" OD	Male MPC	PTFE, 0.22µm	100	Y	6

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
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
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
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

Cat. No.	Product Name	Tubing Specification			Filter	Sterile	Qty. Per/Bag	Qty. Per/Case
		Tubing Type	Tubing Dimension	Tubing Connector				
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
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

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 50mL Centrifuge Tube	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; MPC male MPC connector with plug



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YOUR RELIABLE PARTNER IN LIFE SCIENCE

Closed System Solutions  
Achieving Safe and Aseptic Liquid Transfers

- Closed System for Large 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 designed for cell & gene therapy, and R&D and the production of antibodies and vaccines, ensuring fully enclosed aseptic liquid transfer safely while minimizing contamination risks.

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

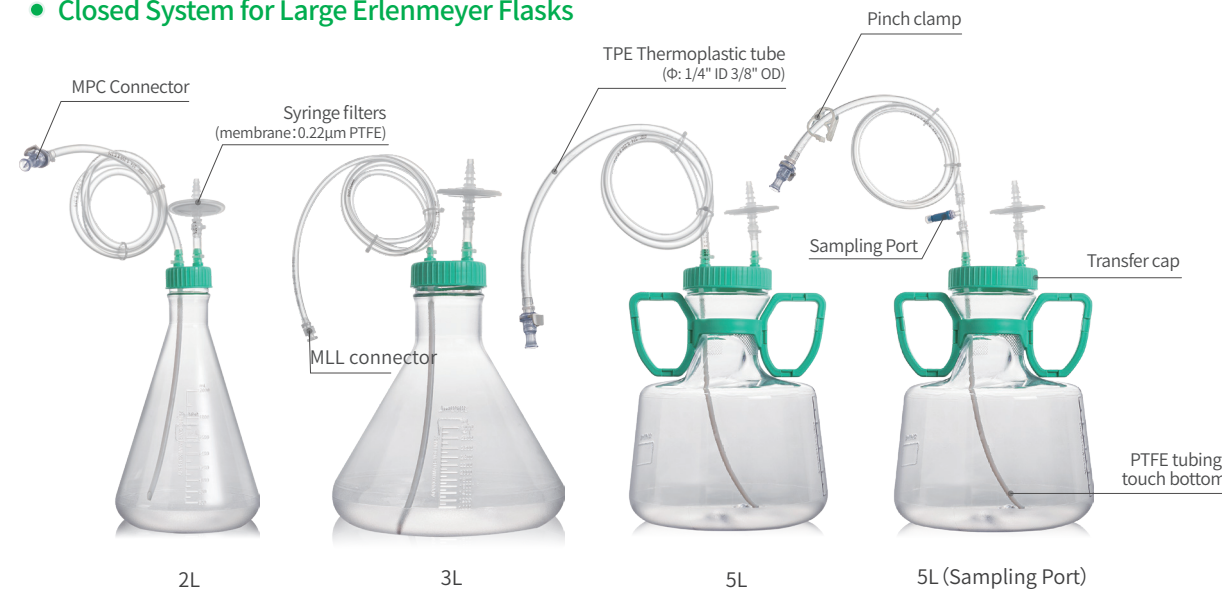
### Excellent Biosafety

- ✓ 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<sup>-6</sup>; DNase/RNase-free

## Product Structures

### Closed System for Large Erlenmeyer Flasks

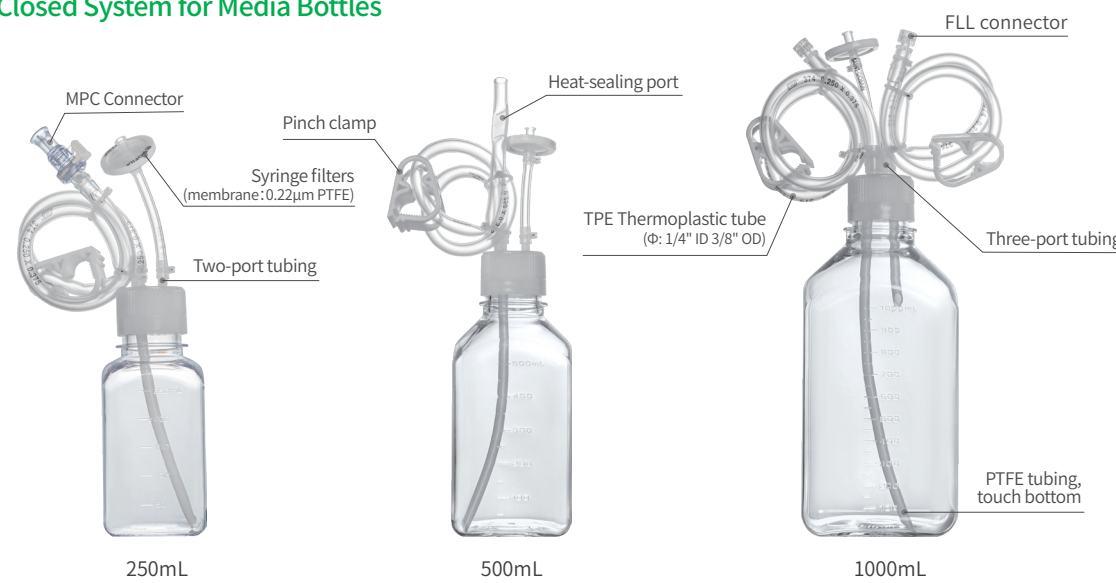


Specifications of matching Erlenmeyer flask: 2L, 3L, 5L

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

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

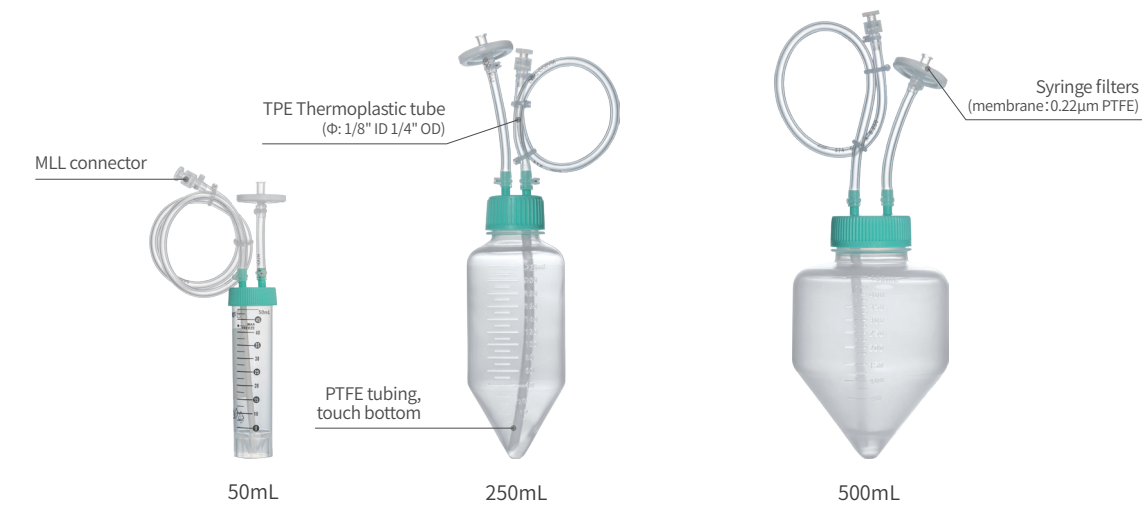
Specifications of matching tubing: Two-port Three-port

Material: Bottle (PETG) Bottle cap (HDPE) Inner tube (PTFE) 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

