

# FLOWTAINER™ ULTRA CLEAN BOTTLES

When a single drop of fluid can make the difference in someone's health, you need smart fluid handling solutions that get the job done safely. Manufacturers worldwide rely on connector products that improve yield, cut costs and reduce time to market.

PART NUMBERS:

- ◆ F-PCB-005ML
- ◆ F-PCB-020ML
- ◆ F-PCB-125ML
- ◆ F-PCB-500ML
- ◆ F-PCB-001L
- ◆ F-PCB-002L
- ◆ F-PCB-005L
- ◆ F-PCB-010L
- ◆ F-PCB-020L
- ◆ F-BCC-48-1
- ◆ F-BCC-48-2
- ◆ F-BCC-48-3
- ◆ F-BCC-48-4
- ◆ F-BCC-48-5
- ◆ F-BCC-70-1
- ◆ F-BCC-70-2
- ◆ F-BCC-70-3
- ◆ F-BCC-70-4

**DESCRIPTION:**

FlowTainer™ ultra clean bottles are the optimal solution for critical fluid handling in upstream and downstream processing, such as filling, freezing, thawing, storage, and transport. The robust impact resistant bottles are made from USP Class VI and animal ingredient free polycarbonate. Manufactured in an ISO 7 cleanroom, ultra clean bottles undergo stringent testing to ensure the highest quality standards are met, such as USP <85> and USP <788>. FlowTainer™ ultra clean bottles are available from 5 mL to 20 L with a variety of hose barb cap configurations for use with platinum cured silicone and TPE tubing. Choose from standard bottles and assemblies or customize to fit your unique process application.

**SPECIFICATIONS:**

- Manufactured in an ISO 7 Cleanroom

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-  ISO 9001:2015 Certified Facility

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- Easy to read graduations

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-  Ultra-low temperature storage and transport to -90°C

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-  USP Class VI and animal component free

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-  Sterilizable by gamma irradiation and autoclave

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-  Excellent for freezing and storage applications

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-  Validation package with extractables available

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-  Available with sterility assurance level 10<sup>-6</sup> per ISO 11137



ULTRA-LOW TEMPERATURE STORAGE

# FLOWTAINER™ ULTRA CLEAN BOTTLES

## FLOWTAINER™ REGULATORY OVERVIEW:

### Material of Construction

Polycarbonate (PC) Bottle and HDPE Cap

### Biocompatibility

USP <85>, Bacterial Endotoxin

USP <87>, Biological Reactivity Tests, Cytotoxicity, In Vitro

USP <88>, Biological Reactivity Tests, Class VI, In Vivo

ISO 10993-4, Hemolysis

### Physiochemical

USP <661>, Plastic Packaging Systems

FDA 21 CFR 177.1580, Polycarbonate Resins

FDA 21 CFR 177.1520, Olefin Polymers

### Particulate

USP <788>, Particulate Matter in Injections

### Extractables

Per guidelines of BPOG and USP <665>

### Legislation

REACH

RoHS

### Shelf Life

3 Years, Non-Sterile/Non-Irradiated



# FLOWTAINER™ ULTRA CLEAN BOTTLES

## PART NUMBERS:

PART NUMBER	VOLUME	BOTTLE MATERIAL	CAP MATERIAL	CLOSURE SIZE	STERILITY CLAIM	PACK/CASE
F-PCB-005ML	5 mL	PC	HDPE	24 mm	Non-Sterile	25/500
F-PCB-005ML-G	5 mL	PC	HDPE	24 mm	Sterile	25/500
F-PCB-020ML	20 mL	PC	HDPE	24 mm	Non-Sterile	25/500
F-PCB-020ML-G	20 mL	PC	HDPE	24 mm	Sterile	25/500
F-PCB-125ML	125 mL	PC	HDPE	48 mm	Non-Sterile	5/50
F-PCB-125ML-G	125 mL	PC	HDPE	48 mm	Sterile	5/50
F-PCB-500ML	500 mL	PC	HDPE	48 mm	Non-Sterile	2/48
F-PCB-500ML-G	500 mL	PC	HDPE	48 mm	Sterile	2/48
F-PCB-001L	1 L	PC	HDPE	48 mm	Non-Sterile	2/28
F-PCB-001L-G	1 L	PC	HDPE	48 mm	Sterile	2/28
F-PCB-002L	2 L	PC	HDPE	48 mm	Non-Sterile	1/20
F-PCB-002L-G	2 L	PC	HDPE	48 mm	Sterile	1/20
F-PCB-005L	5 L	PC	HDPE	70 mm	Non-Sterile	1/6
F-PCB-005L-G	5 L	PC	HDPE	70 mm	Sterile	1/6
F-PCB-010L	10 L	PC	HDPE	70 mm	Non-Sterile	1/3
F-PCB-010L-G	10 L	PC	HDPE	70 mm	Sterile	1/3
F-PCB-020L	20 L	PC	HDPE	70 mm	Non-Sterile	1/3
F-PCB-020L-G	20 L	PC	HDPE	70 mm	Sterile	1/3

## CLOSURES FOR FLOWTAINER™ ULTRA CLEAN BOTTLES

PART NUMBER	DESCRIPTION	CAP MATERIAL	HOSE BARB ID	CLOSURE SIZE	STERILITY CLAIM
F-BCC-48-1	2 Port Cap, 48 mm	HDPE	(1) - 1/8", (1) - 1/4"	48 mm	Non-Sterile
F-BCC-48-2	2 Port Cap, 48 mm	HDPE	(2) - 1/4"	48 mm	Non-Sterile
F-BCC-48-3	2 Port Cap, 48 mm	HDPE	(2) - 1/8"	48 mm	Non-Sterile
F-BCC-48-4	3 Port Cap, 48 mm	HDPE	(3) - 1/4"	48 mm	Non-Sterile
F-BCC-48-5	3 Port Cap, 48 mm	HDPE	(2) - 1/4", (1) - 1/8"	48 mm	Non-Sterile
F-BCC-70-1	2 Port Cap, 70 mm	HDPE	(2) - 1/4"	70 mm	Non-Sterile
F-BCC-70-2	3 Port Cap, 70 mm	HDPE	(3) - 1/4"	70 mm	Non-Sterile
F-BCC-70-3	4 Port Cap, 70 mm	HDPE	(4) - 3/8"	70 mm	Non-Sterile
F-BCC-70-4	4 Port Cap, 70 mm	HDPE	(4) - 1/4"	70 mm	Non-Sterile