

CFDPLAS® Mobile Phase Bottle Caps

CFDPLAS® mobile phase bottle caps are reservoir safety caps that prevent leaching of harmful solvent vapors into the lab air. Our portfolio of mobile phase bottle caps includes both safety fluid supply cap and safety waste caps.

The mobile phase bottle caps have GL45 thread and are compatible with most standard solvent bottles.

They're equipped with a venting valve that only allows air to enter the solvent bottle but stops hazardous solvent vapors from leaving the bottle.

The safety waste caps are offered in different thread sizes of GL45, GL38 and S60, fitting to 4L, 5L and 10L waste canisters. They are equipped with a charcoal filter that adsorbs vapors coming from solvent wastes, ensuring clean air.

Both venting valve and charcoal filter has a time strip that tells you when the valve or filter should be replaced.

Features:

- ❑ Closed system design option
- ❑ 1/4-28 port threads, tubing size ranging from 1/16" OD to 1/2" OD,
- ❑ Anti -Twist Design
- ❑ Chemically Compatible, PBT Collar+PTFE insert+PTFE silicone composite gasket
- ❑ Available in 1-ported, 2-ported, 3-ported, 4-ported PTFE insert, or customized ported and threads
- ❑ Easy to install
- ❑ Affordably increase and maintain lab safety for everyday HPLC and LC-MS operation

Application:

Mobile phase bottle caps and accessories are used to securely connect solvent reservoirs to HPLC, UHPLC, and LC-MS systems, supporting reliable and leak-free solvent delivery.



Safety Cap Model No.	Thread Fits	Color (Red/Blue/Green)	Materials (PBT/PP)	Seal PTFE/Gasket	Remarks Port No. * Dia. / Fittings
CFD-GL45-3-01	GL45	R/B/G/Y	PBT	PTFE/Silicone	3*1/8, option
CFD-GL45-4-01	GL45	R/B/G/Y	PBT	PTFE/Silicone	4*1/8, option
CFD-GL45-2-01	GL45	R/B/G/Y	PBT	PTFE/Silicone	2*1/4, option
CFD-GL45-3-02	GL45	R/B/G/Y	PBT	PTFE/Silicone	3*1/4, option



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