

Thomson Filter Vials

- ➔ Filter, vial and cap—all in one design
- ➔ Simple to use and easy to press down—No tools required

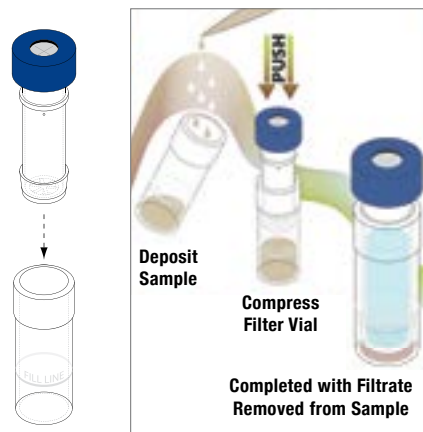
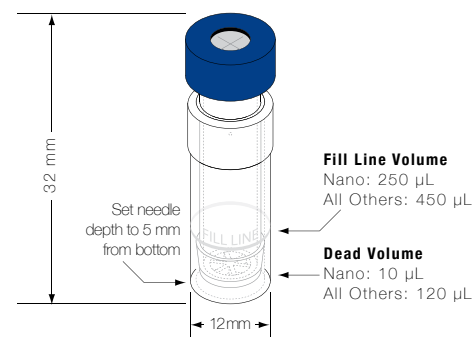
No multiple step transfers needed. Pre-slit caps for all filter vials, with the exception of the low evaporation caps, ensure a no-hassle, clean aliquot withdrawal. No more breakage of expensive needles or coring problems on the HPLC or Mass Spectrometer. Thomson Filter Vials are compatible with most standard autosamplers. The ease of use will make the Thomson Filter Vials indispensable in all labs.

FOUR FILTER VIAL STYLE OPTIONS

FEATURES	Standard	Low Evap	eXtreme	nano
450 µL max volume, 120 µL dead volume	●	●	●	
250 µL max volume, 10 µL dead volume				●
Pre-slit PTFE/Silicone Snap cap	●		●	●
Low evaporation PTFE/Silicone Crimp cap		●		
Multi-layered filtration			●	

TECH TIP | Thomson Filter Vial & Protein Crash

Protein samples need to be crashed out before injecting them into the HPLC. Many people have traditionally done off line crash procedures. The Thomson PTFE Filter Vials can do this easily by mixing the acetonitrile and aqueous solution in the bottom chamber, and then allowing the filter to push down trapping the protein, and letting the clean sample come through for analysis.



The plunger filter membrane nestles into the vial while simultaneously filtering and readying the sample for any autosampler. This is a single step process that minimizes any loss of sample.

THOMSON FILTER VIALS (100/PK)						
MEMBRANE	PORE SIZE	CAP COLOR	STANDARD ¹	LOW EVAP ²	EXTREME ¹	NANO ³
Nylon	0.2 µm	Black	FV-1020	FV-1020LE	FV-1020EX	FV-1020N
	0.45 µm	Pink	FV-1045	FV-1045LE	FV-1045EX	—
PTFE (polytetrafluoroethylene)	0.2 µm	Green	FV-2020	FV-2020LE	FV-2020EX	FV-2020N
	0.45 µm	Blue	FV-2045	FV-2045LE	FV-2045EX	FV-2045N
PVDF (polyvinylidene difluoride)	0.2 µm	Red	FV-3020	FV-3020LE	FV-3020EX	FV-3020N
	0.45 µm	Yellow	FV-3045	FV-3045LE	FV-3045EX	FV-3045N
PES (polyethersulfone)	0.2 µm	Grey	FV-6020	—	FV-6020EX	FV-6020N

1) Standard & Extreme includes: Pre-slit PTFE/Silicone Septa Snap Cap attached to a Plunger Filter, outside PP shell vial (250 µL dead volume, 450 µL max volume).

2) Low Evaporation includes: PTFE/Silicone Septa Crimp Cap attached to a Plunger Filter, outside PP shell vial (250 µL dead volume 450 µL max volume).

3) Nano includes: Pre-slit PTFE/Silicone Septa Snap Cap attached to a Plunger Filter, outside PP shell vial (10 µL dead volume, 250 µL max volume).