

## SEPARA Syringeless Filter Vials

Save time with your sample prep process with SEPARA® filters and vials disposable device.

**Easy to press, fast and simple to use.**

### Features & Benefits

Rapid single step sample preparation  
Reduce sample loss.  
Ready to go for HPLC or UHPLC auto-sampler  
Compatible with most standard auto-samplers  
The pre-slit cap ensures easy and clean transfer of sample.

### Specifications

Dimensions: 12mm I.D x 33mm height  
Material: Polypropylene vial, Cap Septa, PTFE/silicone  
Fill line volume: 0.48mL  
Filtering capacity: 0.45mL  
Dead volume: 30uL  
The force needed to compress the unit is estimated at 8 psi (0.6 bar)  
Maximum operating temperature: 120° F (50° C)



Available with 5 different membranes, 0.45  $\mu\text{m}$  & 0.22  $\mu\text{m}$ :

PTFE	RC	PES	PVDF	NY
<ul style="list-style-type: none"> <li>Filtration of strong acids and aggressive solutions</li> <li>Drug Metabolite Studies (Protein PPT)</li> <li>Clarification of aqueous and organic solvent solutions               <ul style="list-style-type: none"> <li>HPLC sample preparation</li> <li>Chromatography</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Filtration of Aqueous and Organic Solutions</li> <li>Analytical Sample Prep, uHPLC               <ul style="list-style-type: none"> <li>Chromatography</li> <li>Clarification</li> <li>Protein Chemistry</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Biological Studies</li> <li>ICP Sample Preparation</li> <li>Dissolution Testing</li> </ul>	<ul style="list-style-type: none"> <li>Biological Studies</li> <li>Clarification Studies (wine industry)</li> <li>Dissolution Testing</li> </ul>	<ul style="list-style-type: none"> <li>Clarification of aqueous and organic solvent solutions</li> <li>HPLC sample preparation</li> <li>Chromatography</li> </ul>

### Ordering Information:

Item No.	Description	Membrane		Pore Size ( $\mu\text{m}$ )	UOM
FVNY020	Filter Vials, Snap Caps, Light Blue, pre-slit PTFE/Silicone Septa	Nylon (NY)	Hydrophilic	0.2	\100
FVNY045	Filter Vials, Snap Caps, Dark Blue, pre-slit PTFE/Silicone Septa	Nylon (NY)	Hydrophilic	0.45	\100
FVPES020	Filter Vials, Snap Caps, Light Green, pre-slit PTFE/Silicone Septa	Polyethersulfone (PES)	Hydrophilic	0.2	\100
FVPES045	Filter Vials, Snap Caps, Dark Green, pre-slit PTFE/Silicone Septa	Polyethersulfone (PES)	Hydrophilic	0.45	\100
FVPVDF020	Filter Vials, Snap Caps, Yellow, pre-slit PTFE/Silicone Septa	Polyvinylidene Difluoride (PVDF)	Hydrophilic	0.2	\100
FVPVDF045	Filter Vials, Snap Caps, Orange, pre-slit PTFE/Silicone Septa	Polyvinylidene Difluoride (PVDF)	Hydrophilic	0.45	\100
FVPTFE020	Filter Vials, Snap Caps, Pink, pre-slit PTFE/Silicone Septa	Polytetrafluoroethylene (PTFE)	Hydrophobic	0.2	\100
FVPTFE045	Filter Vials, Snap Caps, Red, pre-slit PTFE/Silicone Septa	Polytetrafluoroethylene (PTFE)	Hydrophobic	0.45	\100
FVRC020	Filter Vials, Snap Caps, Gray, pre-slit PTFE/Silicone Septa	Regenerated Cellulose (RC)	Hydrophilic	0.2	\100
FVRC045	Filter Vials, Snap Caps, Black, pre-slit PTFE/Silicone Septa	Regenerated Cellulose (RC)	Hydrophilic	0.45	\100