

## SEPARA<sup>®</sup> Syringeless Filters

One step sample preparation device and integrates a device auto-sampler, filtration membrane, plug and cap/septa. The device consists of two parts: an internal vial with a membrane chamber and an external vial to be filled with filtrate.



### Save Time

▶ Rapid sample preparation and single step process

### Save Money

▶ Syringeless filter vials integrate syringe, filtration membrane, auto sampler vial and cap/septa

### Efficient & Fast

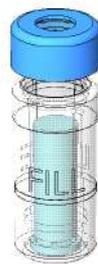
▶ Designed and compatible for use with all HPLC or UHPLC autosampler



Sample filling



Press down to filter sample



Filtered sample ready for analysis

### Characteristics

Dimension	12 mm diameter x 32 mm height
Materials	Polypropylene, with PTFE and silicone septa
Fill Line Volume	480 microliter
Filtration Capacity	450 microliter
Dead Volume	30 microliter
Compression Force	8 psi(0.6bar)
Maximum operating temperature	120°F (50°C)

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## Applications

Membrane	Properties	Compounds Class
RC (Regenerated Cellulose)	Hydrophilic - Very low protein binding - Resistant to a wide range of solvents	Aqueous and organic solutions
NY (Nylon)	Hydrophilic - Low protein binding - Superior strength - Resistant to organic solvents	Bases, HPLC solvents, alcohols, aromatic hydrocarbons
PES (Polyethersulfone)	Hydrophilic - Designed to remove particulates - Low protein and drug binding - High strength and durability	Filtration of buffers and culture media

## Ordering information

Membrane Material	Pore Size (µm)	Color	Packaging	Product Code
Regenerated Cellulose (RC)	0.20	 Gray	100/PK	MV32ANPRC002GC01PF
Regenerated Cellulose (RC)	0.45	 Black	100/PK	MV32ANPRC004LC01PF
Nylon (NY)	0.20	 Light Blue	100/PK	MV32ANPNY002BC01PF
Nylon (NY)	0.45	 Blue	100/PK	MV32ANPNY004UC01PF
Polyethersulfone (PES)	0.20	 Light Green	100/PK	MV32ANPPS002EC01PF
Polyethersulfone (PES)	0.45	 Dark Green	100/PK	MV32ANPPS004WC01PF



GVS is dedicated to equipping the scientific community. We provide essential, high-quality products and tools for the precise quantification of PFAS. Our solutions empower researchers, regulators, and testing labs in their critical work to understand and monitor PFAS exposure.

## PFAS Free Products Family

- ABLUO® Syringe Filter
- ABLUO® Supreme
- SEPARA® Syringeless Filter
- Laboratory Syringes
- SPE Cartridges
- Centrifuge Tube
- Plastic Pasteur Pipette
- Pipette Tips
- Package Bottles
- .....