

## PVDF Membrane Syringe Filter With Microglassfiber Prefilter Type ClearPrep-SYVG

**mdi** PVDF membrane syringe filters type ClearPrep- SYVG are specially designed for sample pre-paration. A unique 16-channel design along with binder-free Microglassfiber prefilter ensures maximum flow rates and throughputs.

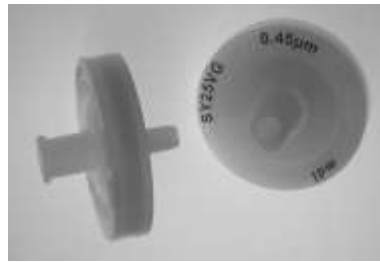
These work well with aggressive as well as non-aggressive solvent based mobile phases to protect columns.

PVDF syringe filters are HPLC certified and validated for retention efficiency, extractables, fitment and burst pressure.

These syringe filters are produced with validated processes and QA/QC systems to ensure inter-lot as well as intra-lot consistency.

### Application

- HPLC samples preparation
- Prefiltration and clarification of laboratory samples



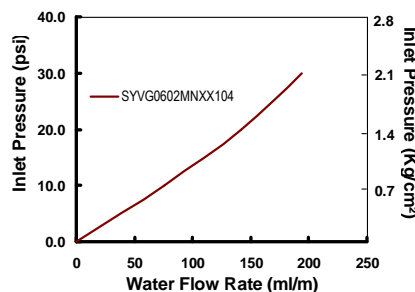
### Material of Construction

<b>Housing</b>	Polypropylene
<b>Filter Media</b>	Hydrophilic PVDF membrane
<b>Prefilter</b>	Binder-free microglassfiber

### Special Features

- Suitable for difficult to filter solutions
- Wide chemical compatibility
- Extremely low extractables
- HPLC Certified
- High throughputs
- High flow rates
- Low hand pressure

### Water Flow Rate



### Specification

**Pore Size**  
0.45 µm

**Effective Filtration Area**  
4.15 cm<sup>2</sup>

**Inlet/Outlet Connections**  
Inlet: Female luer-lock  
Outlet: Male luer slip

**Typical Hold-up Volume(with air purge)**  
25 mm: < 50 µL

**Maximum Operating Temperature**  
55 °C

**Maximum Operating Pressure**  
75 psi @ 25° C

**Sterilization Compatibility**  
Ethylene Oxide

**Fiber Release**  
Complies with USFDA CFR Title 21, Part 211.72

**Oxidizable Matter**  
Passes test as per USP



Type	Code	Size		Pore Size		Inlet/Outlet		X	X	Sterility		Pack Size	
		Length	Code	Code	Code	Code	Code			Qty	Code		
SYVG	SYVG	25 mm	06	0.45	02	Female Luer Lock	M			Non Sterile	1	100	04
Sotax* Type	STVG					Male Luer Slip	N						

\* : Sotax are automated systems (robots) and Registered Trademarks of Sotax AG, Switzerland.

**EXAMPLE SYVG 06 02 MN XX 1 04**