

PVDF Membrane Syringe Filter with Microglassfiber Pre-filter Type- SYVG

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

The microglassfiber prefilter provides excellent protection to the final membrane filter due to the very high retention abilities for colloidal particles.

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.

Special Features

- Suitable for difficult to filter solutions
- Wide chemical compatibility
- Extremely low extractables
- HPLC Certified
- 16 channel design
- High throughputs
- High flow rates

Application

- Sample preparation for difficult to filter solutions



Specifications

Materials of Construction

Housing	Polypropylene
Filter Media	PVDF Membrane
Prefilter	Binder-free microglassfiber

Pore Size
0.2 µm, 0.45 µm

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

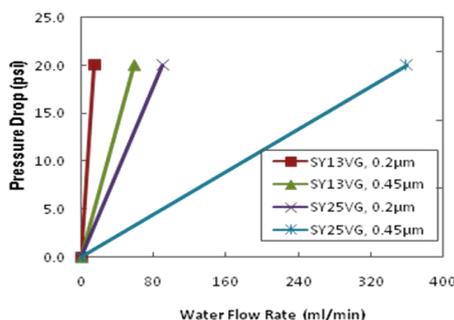
Typical Hold-up Volume(with air purge)

13mm	25mm
<20µl	<50µl

Burst Pressure (13mm/25mm)
>14kg/cm²

Maximum Operating Temperature
55 °C

Water Flow Rate



Maximum Operating Pressure
75 psi @ 25° C

Recommended Sample Volume

13mm	25mm
< 10 ml	< 100 ml

Fiber Release

Complies with USFDA CFR Title 21, Part 210.3(b)(6) and do not requires any initial flushing

Particle Release

The filtrate complies with USP <788> test for particulate matter in injections

Extractables

a) Filtrate (WFI) complies with the requirements of USP <1231> for "Sterile Water for Injection".

b) The plastic housing material complies with the requirements of USFDA CFR Title 21 Part 177.1520

HPLC Certified

Every lot of SYVG syringe filters is tested and certified for use in HPLC applications

Oxidizable Matter

Passes test as per USP <1231>

Packaging

Standard Pack:

SYVG syringe filters are packed in PET jars, duly labeled. Each jar has 100 Nos. syringe filters.

Bulk Pack:

PVDF syringe filters are also bulk-packed in polyethene bags, duly labeled. Each bag has 1000 Nos. syringe filters.



Standard Pack

Storage

It is recommended to keep the syringe filters:

- i. at clean and dry location
- ii. away from direct heat sources at temperature below 50°C

Ordering Information

Type		Size		Pore Size		Inlet/Outlet		XX	Sterility		Pack Size	
	Code	Diameter	Code		Code		Code			Code	Qty	Code
PVDF Membrane syringe filter with microglassfiber prefilter	SYVG	13mm	03	0.2µm	01	Female Luer Lock	M		Non Sterile	1	100	04
		25mm	06	0.45µm	02	Male Luer Slip	N	1000			06	

Example:												
SYVG		06		01		MN		XX		1		04