

PTFE Membrane Syringe Filter with Microglassfiber Pre-filter Type- SYTG

mdi SYTG syringe filters with PTFE membrane and multilayered binder free borosilicate microglassfiber pre-filter provide absolute retention of very difficult to filter colloidal contaminants.

These are specially used to filter highly turbid (hazy) solutions.



Special Features

- Absolute retention efficiency
- 16 Channels for minimum back pressure
- Extremely low extractable
- Wide chemical compatibility
- HPLC certified for low levels of UV absorbing extractables
- Heat sealed to ensure 'no leaching'
- No initial flushing required

Applications

- Sample filtration for HPLC and other critical instruments
- Filtration of organic solvents and chemicals

Specifications

Materials of Construction

Housing	Polypropylene
Pre-filter	Microglassfiber
Filter Media	PTFE Membrane

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

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.

Indirect Food Additives

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

HPLC Certified

SYTG syringe filters are tested and certified for use in HPLC applications

Oxidizable Matter

Passes test as per USP <1231>



Packaging

Standard Pack:

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

Bulk Pack:

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

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
PTFE Membrane Syringe Filter with microglassfiber pre-filter	SYTG	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:												
SYTG		06		01		MN		XX		1		04