PTFE Membrane Syringe Filter
Type- SYTF

Data Sheet

mdi PTFE Syringe Filters type SYTF are specially designed for use in laboratories for small volume filtration and sample preparation.

The PTFE membrane and polypropylene (PP) construction makes it suitable even for filtration of highly aggressive solvents.

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

HPLC CERTIFIED

Recommended Sample Volume

4mm	13mm	25mm
<1ml	<10ml	<100ml

Special Features

Materials of Construction

Housing	Polypropylene
Filter Media	PTFE

Pore Size

0.2 µm, 0.45 µm, 1µm, 5µm

Inlet/Outlet Connections

Inlet: Female luer-lock
Outlet: Male luer slip

Typical Hold-up Volume(with air purge)

4mm	13mm	25mm
<5µl	<20µl	<50µl

HPLC Certified

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

Burst Pressure (13mm/25mm)
>14kg/cm^2

Maximum Operating Temperature
55 °C

Maximum Operating Pressure
75 psi @ 25° C

Fiber Release
Complies with USFDA CFR Title 21, Part 211.92 and do not requires any initial Flushing

Extractables

- Filtrate (WFI) complies with the requirements of USP <1231> for "Sterile Water for Injection".
- The plastic housing material complies with the requirements of USFDA CFR Title 21 Part 177.1520

Oxidizable Matter
Passes test as per USP <1231>

Ordering Information

Type	
	Code
PTFE Membrane Syringe Filters	SYTF

Size	
	Code
4mm	01
13mm	03
25mm	06

Pore Size	
	Code
0.2µm	01
0.45µm	02
1µm	05
5µm	07

Inlet/Outlet	
	Code
Female Luer Lock	M
Male Luer Slip	N

XX

Sterility	
	Code
Non Sterile	1

Pack Size	
	Code
100	04
1000	06

Example:

SYTF	06	02	MN	XX	1	04

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