

mdi Nylon-66 membrane syringe filters type- SYNN have Nylon-66 membrane disc filter in a polypropylene housing. These syringe filters are ideal for filtration of aqueous or organic samples for HPLC.

mdi Nylon syringe filters provide absolute retention, wide chemical compatibility, and extremely low extractables while offering excellent flow rates.

These filters are validated and assured for quality to ensure superior performance.

Special Features

- Absolute retention efficiency
- 16 Channels for minimum back pressure
- Extremely low extractables
- Hydrophilic, no pre-wetting required
- 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



Recommended Sample Volume

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



Special Features

Materials of Construction

Housing	Polypropylene
Filter Media	Nylon-66 Membrane

Pore Size

0.1 µm, 0.2 µm, 0.45 µm, 0.8 µm, 1.2 µm, 5 µm

Inlet/Outlet Connections

Inlet: Female luer-lock
Outlet: Male luer slip

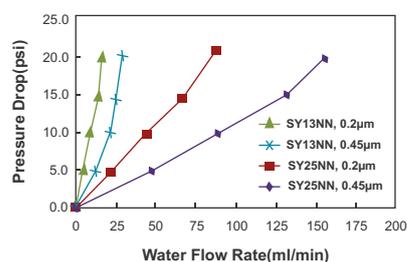
Burst Pressure (13mm/25mm)

>14kg/cm²

Typical Hold-up Volume (with air purge)

4mm	13mm	25mm
<5µl	<20µl	<50µl

Typical Water Flow Rates



Maximum Operating Temperature
55 °C

Maximum Operating Pressure
75 psi @ 25° C

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

- 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

HPLC Certified

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

Oxidizable Matter

Passes test as per USP <1231>

Ordering Information

Type	
	Code
Nylon-66 Membrane Syringe Filter	SYNN

Size	
	Code
4mm	01
13mm	03
25mm	06

Pore Size	
	Code
0.1µm	36
0.2 µm	01
0.45 µm	02
0.8 µm	03
1.2µm	10
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:

SYNN	06	02	MN	XX	1	04
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