

For HPLC / GC



NYLON / PTFE Syringe Filters Promotion



Excellent and flow rate chemical resistance against the standard aqueous and organic HPLC solvents

Nylon Syringe Filter

PTFE Syringe Filter



For HPLC / GC



Specification and Ordering Information

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ECHnology Pty Ltd
 Australian Distributors; Importers & Manufacturers

Item Number	Nylon		PTFE	
	SFNY013022N SFNY013045N	SFNY025022N SFNY025045N	SFPTFE013022N SFPTFE013045N	SFPTFE025022N SFPTFE025045N
Diameter	13mm	25mm	13mm	25mm
Membrane material	Nylon	Nylon	PTFE	PTFE
Housing material	PP (medical-grade)	PP (medical-grade)	PP (medical-grade)	PP (medical-grade)
Filtration area (cm ²)	0.65	3.90	0.65	3.90
Pore Size(μm)	0.22 / 0.45	0.22 / 0.45	0.22 / 0.45	0.22 / 0.45
Holdup volume (μl)	<10	<30	<10	<30
Sample volume (ml)	2-10ml	10-100ml	2-10ml	10-100ml
Flow Rate (ml/min@10psi)	0.22μm: 10 0.45μm: 15	0.22μm: 50 0.45μm: 70	0.22μm: 7 0.45μm: 12	0.22μm: 20 0.45μm: 35
Maximum Operating Temperature	110°C	110°C	90°C	90°C
Maximum Operating Pressure (psi@20°C)	13mm: 90 25mm: 60	13mm: 90 25mm: 60	13mm: 90 25mm: 60	13mm: 90 25mm: 60
Applicable pH value	3-12	3-12	1-14	1-14
Unit Package	100pcs/pk	100pcs/pk	100pcs/pk	100pcs/pk

Other options: 1) We can offer Nylon / PTFE Syringe Filters with pore size range: 0.1-5.0μm.
 2) MCE / PVDF / PP / PES / Glass Fiber Syringe Filters.

Quality Assurance

All certified MS syringe filters are manufactured in a DIN EN ISO 9001 certified environment. Representative batch samples are extracted with water, methanol and acetonitrile. The extracts are measured by HPLC at 210 and 254 nm to ensure the lowest UV-absorbing extractables from the filter. Critical specifications are set for:

- Bubble Point
- Burst Pressure
- Flow Rate
- UV Extractable (by HPLC and UV-Vis Systems)

