



MS[®] 4mm Syringe Filter



Introduction

MS[®] 4mm Syringe filters are purpose-built with features designed to bring the highest levels of performance and purity to your research. It is suitable for the sample volume less than 1 mL. We incorporate a variety of membranes to offer separation and purification solutions for the majority of your laboratory needs.

Features

- 4 mm diameter syringe filter
- Sample volume up to 1 mL
- Low hold-up volume < 10 μ L ensures maximum sample recovery



Applications

- HPLC samples containing low solid content – filtration will improve column life
- CE (Capillary Electrophoresis) samples – filtration will eliminate spurious peaks
- Sterile filtration of low volume samples
- UV/Vis samples – filter directly into cuvette using tube tip
- Refractometry – filter samples to prevent damage to instrument optics and improve accuracy of results
- Minimizing non-specific binding to membrane (due to small membrane size)

Technical Specification

Membrane	Nylon	PTFE	PES	GF	CA	MCE
Pore size(μ m)	0.22, 0.45					
Diameter (mm)	4					
Housing Material	Pigment-free Polypropylene					
Connector (inlet/outlet)	Female Luer Lock/Male Luer Slip					
Burst Pressure (psi)	75					
Retain Volume (μ L)	10					
Sample Volume (mL)	1					



Order Information

Non-Sterile

Item#	Membrane	Pore size(μm)	Quantity/pack(pcs)
SFNY004022N	Nylon	0.22	200
SFNY004045N	Nylon	0.45	200
SFPTFE004022NB	PTFE	0.22	200
SFPTFE004045NB	PTFE	0.45	200
SFPTFE004022NL	PTFE	0.22	200
SFPTFE004045NL	PTFE	0.45	200
SFPES004022N	PES	0.22	200
SFPES004045N	PES	0.45	200
SFGF004022N	GF	0.22	200
SFGF004045N	GF	0.45	200
SFCA004022N	CA	0.22	200
SFCA004045N	CA	0.45	200
SFMCE004022N	MCE	0.22	200
SFMCE004045N	MCE	0.45	200

Sterile

Item#	Membrane	Pore size(μm)	Quantity/pack(pcs)
SFNY004022S	Nylon	0.22	200
SFNY004045S	Nylon	0.45	200
SFPTFE004022SB	PTFE	0.22	200
SFPTFE004045SB	PTFE	0.45	200
SFPTFE004022SL	PTFE	0.22	200
SFPTFE004045SL	PTFE	0.45	200
SFPES004022S	PES	0.22	200
SFPES004045S	PES	0.45	200
SFGF004022S	GF	0.22	200
SFGF004045S	GF	0.45	200
SFCA004022S	CA	0.22	200
SFCA004045S	CA	0.45	200
SFMCE004022S	MCE	0.22	200
SFMCE004045S	MCE	0.45	200



Membrane Solutions, LLC

USA

Toll free: 866-528-4572

Fax: 732-412-4040

Address: 1108 Spring View Lane Plano, TX 75075

China

Toll free: 400-620-1660

Fax: 0086-21- 51687551

Address: 2202, No. 1759 North Zhongshan Road, Shanghai

For online orders

please write to order@membrane-solutions.com



Membrane Solutions

The logo features a stylized, white, three-dimensional graphic of a membrane or sheet of material, possibly representing a water filter or membrane, positioned behind the company name.