Membrane Solutions

MS® Syringe Filters

MS® syringe filters are simply quality filters, well packaged, and offered at a fair and competitive price. The Classic range is available in all of the major membranes including Nylon, PTFE, PES, MCE and PVDF which are supplied in 13mm, 25mm and 33mm formats in virgin polypropylene housings.

The emphasis is very much on quality. Membrane materials are supplied by the best names in the industry and the ISO9000 certified manufacturing is carried out to the highest standards, in certified clean room conditions, using the latest manufacturing technology to ensure a high quality, consistent product.

All items are quality tests for filter efficacy and housing integrity. The housing is pressure tested for use with up 75 psig (5.0 bar) of pressure. Designed with a Female Luer-Lok inlet and Male Luer slip outlets. Some Filters are individually wrapped sterile, certified RNase-free, DNase- free, Non-pyrogenic, and DNA –free.

Colour Coded:

MS® syringe filters are colour coded, providing **easy identification of the membrane type and porosity**.

Click on any of the filters below to view the range we stock with that membrane:

White -- PES
0.22µm, 0.45µm
13mm, 25mm, 33mm

Green -- MCE
0.22µm, 0.45µm
13mm, 25mm, 33mm

Blue -- MCE
0.22µm, 0.45µm
13mm, 25mm, 33mm

Purple -- PTFE
0.22µm, 0.45µm
13mm, 25mm, 33mm

Orange -- PTFE
0.22µm, 0.45µm
13mm, 25mm, 33mm

Yellow -- Nylon
0.22µm, 0.45µm
13mm, 25mm, 33mm

Pink -- Nylon
0.22µm, 0.45µm
13mm, 25mm, 33mm

Black -- PVDF
0.22µm, 0.45µm
13mm, 25mm, 33mm

Red -- PVDF
0.22µm, 0.45µm
13mm, 25mm, 33mm

www.membrane-solutions.com

USA Toll free: 800-553-9057 Fax: 732-412-4040
Address: 1108 Spring View Lane Plano,TX 75075

Japan Toll free: 0066- 33-800658
Address: Suite 803# 3-2-10, Kachidoki, Chou- ku, Tokyo, 104-0054

China Tel：0086-21-61478115 Fax：0086-21-61478117 / 51687551
Address: 2202 , No.1759 North Zhongshan Road, Shanghai
E-mail： info@membrane-solutions.com

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MS® PVDF Syringe Filter

Product Description:

MS® Syringe filters are purpose-built with features designed to bring the highest levels of performance and purity to your research. We incorporate a variety of membranes to offer separation and purification solutions for the majority of your laboratory needs. PVDF (Polyvinylidene fluoride) – extremely low protein-binding; for filtration of non-aggressive aqueous and mild organic solutions, or were maximizing protein recovery is important.

Features and Benefits:

- Good heat—endurance and chemical stability, strong hydrophobility
- Syringe Filters for Cell Culture provide effective filtration for a wide variety of sample types. They are available in two pore sizes(0.22μm and 0.45μm)
- All items are quality tests for filter efficacy and housing integrity. The housing is pressure tested for use with up 75 psig (5.0 bar) of pressure
- Designed with a Female Luer-Lok inlet and Male Luer slip outlets.
- some Filters are individually wrapped sterile, certified RNase-free, DNase- free,
- Non-pyrogenic, and DNA –free.

Technical Specification:

- Gas filtration
- Vapor filtration
- High-temperature filtration
- Food industry
- Medicine filtration

Technical Specification:

Parameters	13mm		25mm		33mm	
Membrane material	PVDF		PVDF		PVDF	
Housing material	PP		PP		PP	
Filter diameter (mm)	13mm		25mm		33mm	
Filtration area (cm^2)	0.65		3.90		4.60	
Pore Size(μm)	0.22	0.45	0.22	0.45	0.22	0.45
Holdup volume (μl)	<10		<30		<55	
Sample volume (ml)	<12		<100		<140	
Maximum Operating Temperature	100°C		100°C		100°C	
Maximum Operating Pressure (psi)	50		95		110	
Applicable pH value	1-14		1-14		1-14	

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