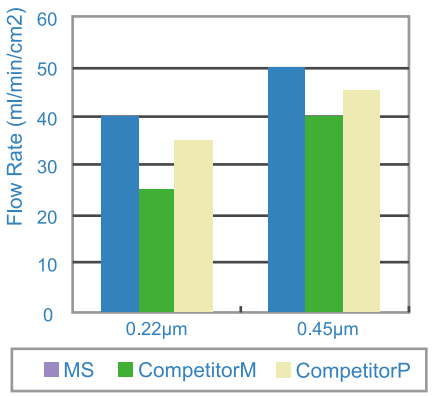
MS® Hydrophilic PES Membrane

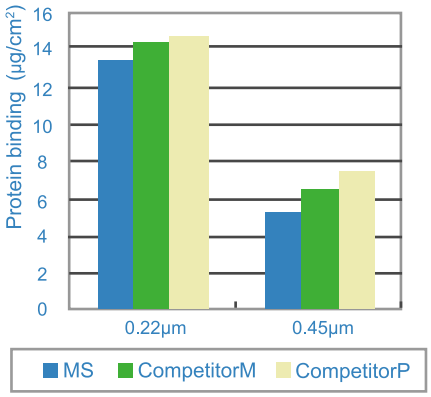
Membrane Solutions

DESCRIPTION

MS® PES is a inherently hydrophilic membrane which wettability has been proved extraordinary strong comparing to other membrane and that leads to its high throughput with fast flow rates. PES membrane also shows low protein binding. The membrane can be broadly utilized in sample preparation, sterile filtration and transfusion treatment.



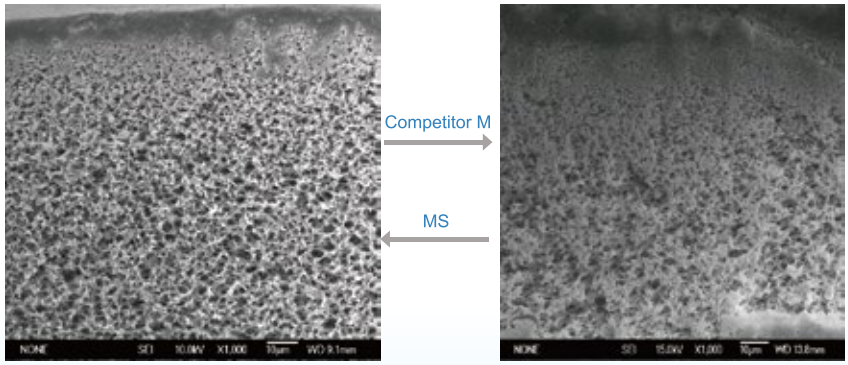




ADVANTAGES

MS® PES is made up with a validated process, having high asymmetric structure, higher flow rate and throughput than comparable membranes with the same pore size. The low protein binding nature of the PES membrane makes it well suited for biological sample preparation.

- High strength
- High flow rate
- Low extractable
- Low protein binding
- Retention rate:LRV7
- Sterilization:autoclaving,EO or gamma



High asymmetric structure

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MS® Hydrophilic PES Membrane

Membrane Solutions

APPLICATIONS

- General filtration
- Sterile filtration
- IV therapy
- Pharmaceutical filtration
- Bacterial isolation

SPECIFICATION

Membrane Name	Hydrophilic PES Membrane	Hydrophilic PES Membrane	Hydrophilic PES Membrane
Membrane Material	PES	PES	PES
Support	None	None	None
Membrane Pore Structure	Asymmetrical	Asymmetrical	Asymmetrical
Membrane Pore Size	0.1μm	0.22μm	0.45μm
Particle Retention Rate	＞99.99%	＞99.99%	＞99.99%
Bacterial Retention Rate	—	>7 log reduction value (Brevundimonas diminuta)	>7 log reduction value (Serratia marcescens)
Water Bubble Point	0.60-0.75Mpa	0.35-0.55Mpa	0.24-0.37Mpa
Water Flow Rate（10psi）	10-13 ml/min/cm^2	15-30ml/min/cm^2	35-50ml/min/cm^2
Thickness	100-110μm	100-110μm	100-110μm

ORDERING INFORMATION

MS PES 022 254 100 L

Membrane Material	Membrane Pore Size	Membrane Width	Membrane Length	Hydrophilic
PES	022=0.22 μm 045=0.45 μm	254=254 mm	100=100 m 150=150 m	L
	005=0.05 μm 010=0.1 μm 065=0.65 μm 080=0.8 μm 100=1.0 μm 120=1.2 μm 500=5.0 μm		050=50 m 100=100 m 150=150 m 200=200 m	

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