Membrane Solutions

MS® Hydrophobic PVDF Membrane

Description

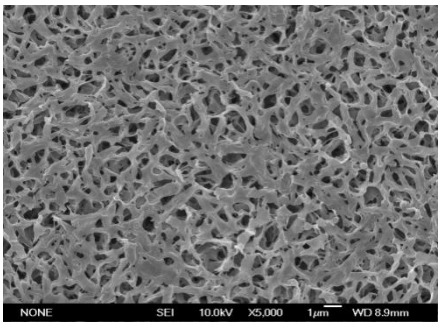
MS® hydrophobic PVDF membrane is treated with a validated process which has the super hydrophobic characteristics. It can be used in the field of solvent solutions, air/gas filtration, sample preparation of HPLC and GC, having wide applications and excellent heat and oxidation resistance.



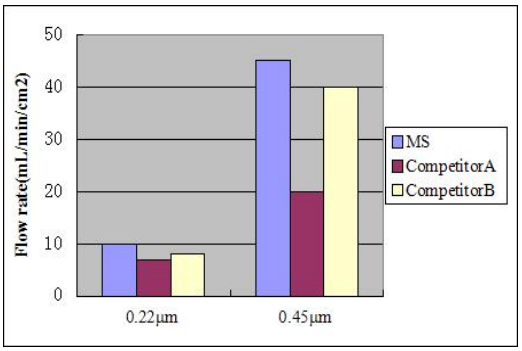
Features

MS® hydrophobic PVDF membrane has a series of excellent performance, especially the super hydrophobic and high flow rate.

- ●High flow rate
- ●Broad chemical compatibility
- ●Low extractables
- ●Excellent oxidation resistance
- ●Good heat resistance
- ●Retention rate: >99.99%
- ●Sterilization: autoclaved, gamma



High porosity (0.22μm)



High Flow Rate

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Applications

- Solvent filtration
- Air/Gas purification
- Venting
- Sample preparation









Our hydrophobic PVDF micro-porous membrane

MS Hydrophobic PVDF		
Membrane Name	Hydrophobic PVDF	Hydrophobic PVDF
Membrane Material	PVDF	PVDF
Support Material	NO	NO
Structure	Asymmetric	Asymmetric
Pore Size	0.22 μ m	0.45 μ m
Retention Efficiency	>99.99%	>99.99%
Alcohol Bubble Point	0.11-0.15Mpa	0.06-0.10Mpa
Alcohol Flow Rate（at10psi）	6-10 ml/min/cm^2	20-40ml/min/cm^2
Thickness	100-130 μ m	100-130 μ m

Ordering information

MS PVDF 022 270 100

Membrane Material	Pore Size	Width	Length	
PVDF	022=0.22μm 045=0.45μm	270=270mm	100=100m 150=150m	
	005=0.05μm 010=0.1μm 100=1.0μm 120=1.2μm 500=5.0μm	270=270mm	050=50m 100=100m 150=150m 200=200m	

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