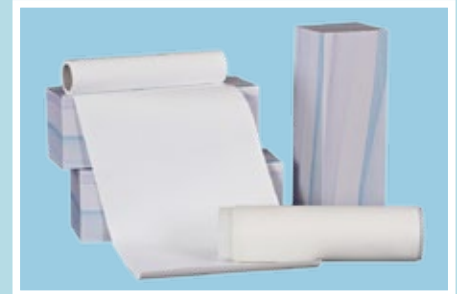


DESCRIPTION

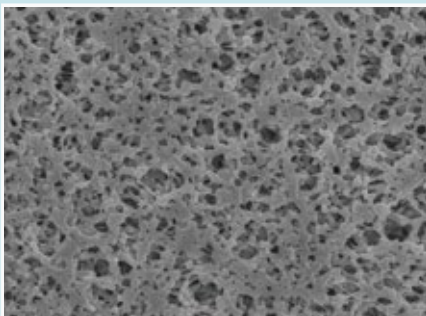
MS[®] hydrophilic PVDF membrane is a kind of membrane with lower protein binding than other membranes such as Nylon/NC/PTFE, having high flow rate and high loading capacity at the same time. Therefore, it can be typically used in bacteria removal of culture media and any other protein solutions.



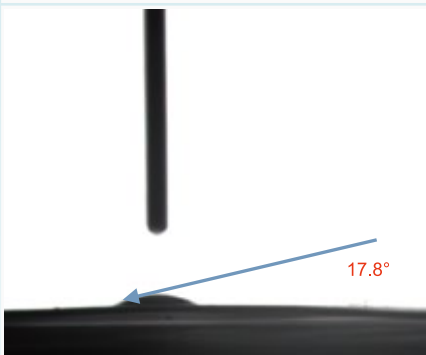
FEATURES

MS[®] hydrophilic PVDF membrane has a series of excellent performance, especially the high flow rate and low protein binding.

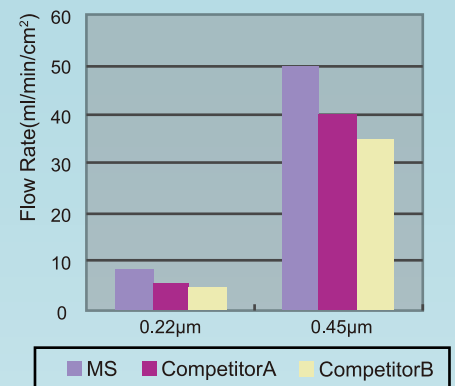
- ☑ High strength and porosity
- ☑ High flow rate
- ☑ Low extractables
- ☑ Broad chemical stability
- ☑ Low protein and drug binding
- ☑ Excellent heat resistance
- ☑ Retention rate: >99.99%



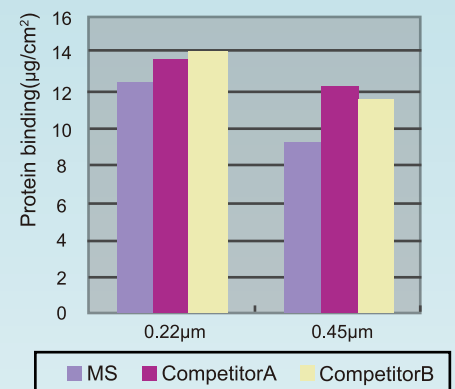
High Porosity (0.22 μ m)



Super Hydrophilic (0.22 μ m)



High flow rate



Low protein binding

MS[®] Hydrophilic PVDF Membrane

Membrane Solutions

APPLICATIONS

- ☑ General Filtration (aqueous & organic)
- ☑ Aggressive solvent filtration
- ☑ Sterilizing filtration of biological solutions
- ☑ HPLC Sample preparation



OUR PVDF HYDROPHILIC MICRO-POROUS MEMBRANE

Membrane Material	Hydrophilic PVDF	Hydrophilic PVDF
Pore Size	0.22µm	0.45µm
Support Material	None	None
Structure	Symmetric	Symmetric
Bacterial Retention	>7 log reduction value (brevundimonas diminuta)	>7 log reduction value (brevundimonas diminuta)
Retention Efficiency	>99.99%	>99.99%
Water Bubble Point	0.35-0.45MPa	0.16-0.25MPa
Flow Rate (at 10 psi)	7-12ml/min/cm ²	30-60ml/min/cm ²
Thickness	100-130µm	100-130µm

ORDERING INFORMATION

MS	PVDF	022	270	100	L
Membrane Material	Pore Size	Width	Length	Wetability	
PVDF	022=0.22µm 045=0.45µm	270=270mm	100=100m 150=150m	L=Hydrophilic	
	005=0.05µm 010=0.1µm 100=1.0µm 120=1.2µm 300=3.0µm 500=5.0µm	270=270mm	050=50m 100=100m 150=150m 200=200m		