



Hydrophilic Nylon Disc Membrane Filters

Specifications

Materials	Membrane	Nylon
	Wettability	Hydrophilic
	Color	White
Physical Properties	Filter Diameter	13/25/47/50/60/90/100/110/142/150/200/293 mm
	Pore Size	0.1/0.22/0.45/0.8/1.0/3.0/5.0 µm
	Maximum Operating Temp.	125°C
	pH Range	5.0 – 12.0
Sterility	Delivery Condition	Nonsterile
Package	Pack Size	100/pk, 50/pk, 25/pk

Performance

Pore Size	Bubble Point (Water 20°C)	Water Flow Rate (s/50ml/12.68cm ²) @-30KPa (water 20°C)	Thickness (µm)
0.1 µm	≥400KPa	≤200s	95±25
0.22 µm	≥300KPa	≤110s	95±25



0.45 µm	≥300KPa	≤55s	95±25
0.8 µm	≥80KPa	≤15s	110±30
1.0 µm	≥60KPa	≤10s	120±30
3.0 µm	≥35KPa	≤15s	100±25
5.0 µm	≥25KPa	≤7s	100±25

Features

- Naturally strongly hydrophilic
- High mechanical strength.
- Chemical compatibility pH 3-14
- Low extractables
- Low protein binding

Applications

- Filtration of aqueous solutions and most organic solutions, especially alkaline and alcoholic solutions.
- Recommended for DMSO.