



Hydrophobic GF Disc Membrane Filters

Specifications

Materials	Membrane	Glass Microfiber (GF)
	Wettability	Hydrophobic
	Color	White
Physical Properties	Filter Diameter	25mm/47mm/50mm/90mm/110mm
	Pore Size	0.22μm/0.45μm/0.7μm/1.0μm/1.2μm
	Maximum Operating Temp.	90°C
	pH Range	2.0 – 11.0
Sterility	Delivery Condition	Nonsterile
Package	Pack Size	15/pk, 10/pk

Performance

Pore Size	Average Water Breakthrough (water 20°C)	Air Flow Rate (@100ml*1in²*4.88in.water)	Thickness (μm)
0.22 μm	≥15KPa	≤2s	360±50
0.45 μm	≥20KPa	≤12s	450±80
0.7 μm	≥10KPa	≤1s	350±50
1.0 μm	≥2KPa	≤2s	720±150
1.2 μm	≥2KPa	≤2s	720±150



Features

- **Chemical Compatibility pH 1-14.**
- **Contains binder, high mechanical strength.**
- **Fast flow rate, large load capacity, good interception effect**
- **High dirt holding capacity and high temperature resistance**

Applications

- **Pre-filtering before final filtering**
- **Protein, nucleic acid or serum sediment filtration**
- **Air purification filtration and air pollution detection**