

BPM Series

Hydrophobic PTFE Membrane Filters



The BPM Series employs hydrophobic PTFE membranes that offer exceptional resistance to corrosive gases and solvents. With outstanding chemical and thermal stability, they ensure long-term reliability. They are ideal for high-purity gas filtration in pharmaceutical, semiconductor, and chemical process industries requiring consistent performance.

Specifications

Construction Materials

Filtration Media	PTFE(Polytetrafluoroethylene)
Core Support	Polypropylene
Gaskets / O-rings	Silicone, TEV, Viton, EPDM

Dimensions

Length	250, 500, 750, 1000 mm
Inner Diameter	30 mm
Outer Diameter	68 mm
Micron Rating	0.05 - 5 µm

Operating Conditions

Differential Pressure	Max. 4.0 bar at 20 °C
Change-out ΔP	Max. 2.0 bar at 20 °C
Temperature	Max. 80 °C

Features and Benefits

- PTFE media resists corrosive gases and solvents
- Excellent durability under high temperature
- Long-term stability in harsh environments
- Superior chemical inertness and low extractables
- High purity performance for gas filtration

Applications

- Semiconductor
- Pharmaceutical
- Chemical plant
- Gas venting
- Process gas filtration
- Coating
- Precision industry
- Electronics

Ordering Information

BPM	MICRON	MEDIA	LENGTH	ID/OD	CORE	END STYLE	SEALS
	B05 : 0.05µm	P5 : PTFE	K10 : 250mm	1 : Ø30/68	B : PP	1 : DOE	B : Silicone
	A01 : 0.1µm		K20 : 500mm			2 : 222/FLAT	C : TEV
	A02 : 0.2µm		K30 : 750mm			3 : 222/FIN	D : Viton
	A04 : 0.45µm		K40 : 1000mm			4 : 226/FLAT	E : EPDM
	O01 : 1µm					5 : 226/FIN	
	O03 : 3µm						
	O05 : 5µm						