

VPM Series

Hydrophobic PVDF Membrane Filters



The VPM Series hydrophobic PVDF membrane filters offer outstanding durability and chemical resistance for corrosive gases and high-temperature conditions. Their robust structure ensures long-term stability, making them suitable for high-purity gas filtration in semiconductor, chemical, and process gas industries.

Specifications

Construction Materials

Filtration Media	PVDF(Polyvinylidene Fluoride)
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	0.2 - 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

- Excellent strength and thermal resistance
- Resistant to corrosive gases and chemicals
- Hydrophobic PVDF ensures stable gas flow
- Long-term durability in harsh environments
- Ideal for high-purity gas filtration lines

Applications

- Semiconductor
- Petrochemical
- Chemical plant
- Industrial gas
- Electronics
- Process filtration
- Precision coating
- Air venting

Ordering Information

VPM	MICRON	MEDIA	LENGTH	ID/OD	CORE	END STYLE	SEALS
	A02 : 0.2µm	P6 : PVDF	K10 : 250mm	1 : Ø30/68	B : PP	1 : DOE	B : Silicone
	A04 : 0.45µm		K20 : 500mm			2 : 222/FLAT	C : TEV
	A06 : 0.6µm		K30 : 750mm			3 : 222/FIN	D : Viton
	A08 : 0.8µm		K40 : 1000mm			4 : 226/FLAT	E : EPDM
	O01 : 1µm					5 : 226/FIN	
	O03 : 3µm						
	O05 : 5µm						