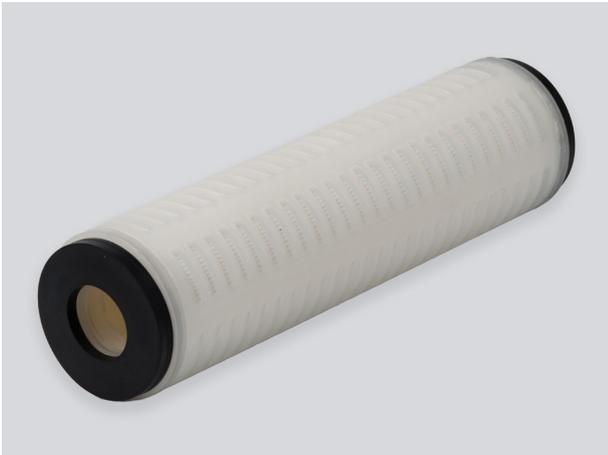


# HPM Series

## Hydrophobic PES Membrane Filters



The HPM Series hydrophobic PES membrane filters are designed for gas and non-aqueous solvent applications. They offer excellent chemical resistance, mechanical durability, and stable flow characteristics. Ideal for air venting, gas sterilization, and solvent filtration, the HPM Series ensures reliable operation in industrial and laboratory environments.

### Specifications

#### Construction Materials

Filtration Media	PES(Polyethersulfone)
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	0.04 - 1.2 $\mu$ m

#### Operating Conditions

Differential Pressure	Max. 4.0 bar at 20 °C
Change-out $\Delta$ P	Max. 2.0 bar at 20 °C
Temperature	Max. 80 °C

### Features and Benefits

- Hydrophobic PES for gas and solvent filtration
- High mechanical and chemical stability
- Consistent flow under varying pressure
- Suitable for venting and sterilization use
- Reliable in industrial solvent processes

### Applications

- Air venting
- Gas sterilization
- Solvent filtration
- Electronics
- Chemical process
- Pharmaceutical
- Ink & coating
- Industrial gas

### Ordering Information

HPM	MICRON	MEDIA	LENGTH	ID/OD	CORE	END STYLE	SEALS
	B04 : 0.04 $\mu$ m	P4 : PES	K10 : 250mm	1 : $\varnothing$ 30/68	B : PP	1 : DOE	B : Silicone
	A01 : 0.1 $\mu$ m		K20 : 500mm			2 : 222/FLAT	C : TEV
	A02 : 0.2 $\mu$ m		K30 : 750mm			3 : 222/FIN	D : Viton
	A04 : 0.45 $\mu$ m		K40 : 1000mm			4 : 226/FLAT	E : EPDM
	A06 : 0.6 $\mu$ m					5 : 226/FIN	
	A08 : 0.8 $\mu$ m						
	A12 : 1.2 $\mu$ m						

PLEATED FILTER