

PPM Series

Hydrophilic PES Membrane Filters



The PPM Series hydrophilic PES membrane filters provide fast flow and low pressure drop, ensuring high efficiency in liquid filtration. Their low protein-binding property makes them ideal for pharmaceutical, biotech, and food applications. With excellent thermal and chemical stability, they deliver reliable performance in sterile and precision liquid filtration processes.

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 μ m

Operating Conditions

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

Features and Benefits

- Low pressure drop with fast flow rate design
- Low protein binding for biological applications
- Excellent chemical and thermal resistance
- High retention efficiency with fine pore uniformity
- Ideal for sterile and precision filtration

Applications

- Pharmaceutical
- Biotech
- Food & beverage
- Water purification
- Laboratory filtration
- Chemical solutions
- Sterile process
- Diagnostics

Ordering Information

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