

LPM Series

Hydrophilic PTFE Membrane Filters



The LPM Series hydrophilic PTFE membrane filters are optimized for liquid filtration, providing low initial resistance and excellent flow rates. Their superior thermal and chemical resistance ensures stable performance even under sterilization or high-temperature conditions.

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

- Hydrophilic PTFE ensures high liquid throughput
- Low initial resistance with stable flow rate
- Excellent temperature and chemical stability
- Ideal for sterile and high-purity liquid filtration
- Reusable in multiple sterilization cycles

Applications

- Pharmaceutical
- Food & beverage
- DI water
- Precision chemical
- Laboratory use
- Electronics
- Coating
- Water purification

Ordering Information

LPM	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						

PLEATED FILTER