

# WPM Series

## Hydrophilic PVDF Membrane Filters



The WPM Series hydrophilic PVDF membrane filters provide high flow rates and excellent particle retention. They offer superior chemical and thermal resistance, ensuring consistent operation in sterile environments. Ideal for precision chemical, pharmaceutical, and food & beverage applications requiring high-purity liquid filtration.

### 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

- Hydrophilic PVDF for high flow and retention
- Superior thermal and chemical resistance
- Stable performance under sterilization conditions
- Suitable for high-purity and sanitary filtration
- Consistent quality for precision processes

### Applications

- Pharmaceutical
- Food & beverage
- Precision chemical
- Laboratory
- Semiconductor
- DI water
- Biotech
- Sterile process

PLEATED FILTER

### Ordering Information

WPM	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
	001 : 1µm					5 : 226/FIN	
	003 : 3µm						
	005 : 5µm						