

WFPK Series Filter Cartridges

For High Flow LCD Cleaning Processes

- High flow applications in generation 5 and higher LCD cleaning equipment
- Unique highly asymmetric polysulfone membrane (HAPS) provides excellent dirt holding capacity and flow characteristics
- Low differential pressure
- Fits most manufacturers' housings
- Compatible with cleaning applications in developing, etching and stripping processes

Performance Specifications

Filter Grades (Based on PSL Removal):

0.05, 0.1, 0.2, 0.45 μm

Maximum Differential Pressure:

0.55 MPa (80 psid) @ 20°C (68°F)

0.14 MPa (20 psid) @ 90°C (194°F)

Recommended Changeout Differential Pressure¹:

35 psid (2.41 bard)

0.24 MPa (35 psid)

Rinse-Up:

Cartridge will rinse up to 18 Megohm-cm with a minimum of throughput.

Product Specifications

Materials of Construction:

Filter Media:	Hydrophilic Highly Asymmetric Polysulfone Membrane
Support Material:	Polypropylene
Hardware:	Polypropylene
O-ring:	EPDM, Fluoroelastomer, Silicone
Sealing:	Thermal Bond

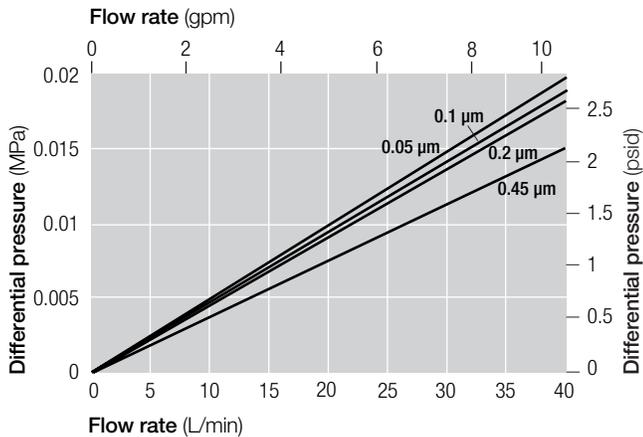
Dimensions (nominal):

Outside Diameter:	66 mm (2.6 in)
Length (tip-to-tip):	254 mm (10 in), 508 mm (20 in), 762 mm (30 in)



¹ - Provided that the maximum differential pressure is not exceeded based on temperature limits defined above.

Typical Pressure Drop vs. Liquid Flow Rate



Flow rate is per 254 mm (10 in) cartridge. For liquids other than water, multiply differential pressure by fluid viscosity (cps).

Part Numbers/Ordering Information

WFPK ■ - ● ■ ◆ ▼ (e.g. WFPK0.2-10UE-M3)

Code ■	Filter Grades ²
0.05	0.05 μm
0.1	0.1 μm
0.2	0.2 μm
0.45	0.45 μm

Code ●	Cartridge Lengths
10	10"
20	20"
30	30"

Code ■	Core Material
U	Polypropylene

Code ◆	O-ring Materials
S	Silicone
E	EPDM
V	Fluoroelastomer
T	FEP encapsulated Silicone
F	FEP encapsulated Fluoroelastomer

Code ▼	End Configuration
No Symbol	Double open end industrial
M3	SOE flat closed end, external 222 O-rings
M6	SOE flat closed end, external 226 O-rings
M7	SOE fin end, external 226 O-rings

² Based on typical application usage.

Unit conversion: 1 MPa = 10 bar



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