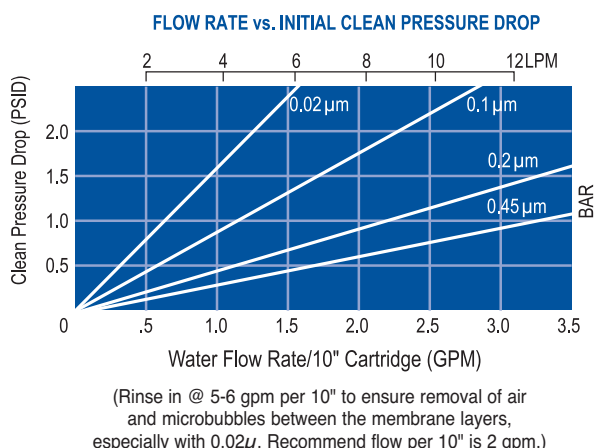


WE Series Pleated Polysulfone Membrane Filter Cartridge

- Composed of a double layer of integrity testable, highly asymmetric polysulfone membrane. These absolute rated filters offers superior bacteria and particle removal for high efficiency postfiltration for critical high purity water applications
- Long on stream life, high flow rates and low pressure drops result from the membrane asymmetry
- High-purity construction materials are factory flushed with DI water for quick on-stream rinse-up with a minimum of throughput
- All polypropylene hardware and thermal welding minimizes extractables
- All materials are FDA listed for contact with food and beverages



SPECIFICATIONS

Dimensions

Diameter (OD)

Length (in)

Materials

Cartridge

Media

polysulfone

Seals

Operating Parameters

Maximum Operating Temperature

Maximum Forward Differential Pressure

.

Filtration Efficiency

.

Sanitizing Agents

.

Integrity Test

Pore Size

Diffusional Flow Valves (100% H₂O) (cc/min) @ Test pressure per 10" length

0.02 μm

0.1 μm

0.2 μm

0.45 μm

2.6" (6.6 cm)

9.75, 10, 20, 30, 40

Polypropylene caps, core and cage

Double layer asymmetric hydrophilic

Silicone o-rings and gaskets

86°F / 30°C (158°F / 70°C)

80 psid @ 68°F / 5.5 bar @ 20°C

20 psid @ 158°F / 1.4 bar @ 70°C

99.9% Absolute

5% Chlorine or 3% hydrogen peroxide

Diffusional Flow (cc/min) @ Test Pressure per 10" length

< 30 cm³/min @ 50 psig / 3.4 bar

< 24 cm³/min @ 25 psig / 1.7 bar

< 20 cm³/min @ 20 psig / 1.4 bar

< 15 cm³/min @ 15 psig / 1.0 bar

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ORDERING INFORMATION

Catalog Number:

FCWE Filter cartridge double layer polysulfone

X Cartridge Code:
0 = 2-222 o-rings
5 = 2-222 o-rings w/spear
1 = single open end w/ internal o-rings
7 = 2-226 o-rings w/locking tabs/spear end
F = double open end w/flat gasket seal

XX Length (in): **09** = 9.75, **10** = 10, **20** = 20, **30** = 30, **40** = 40

XX(X) Micron Rating: **S02** = 0.02 μm, **S1** = 0.1 μm, **S2** = 0.2 μm, **S4** = 0.45 μm

Note: Not all part number combinations are available; consult Technical Support for assistance.
 To determine your catalog order number, replace the X with one of the numbered/lettered options beside it.



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 Water Technologies
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