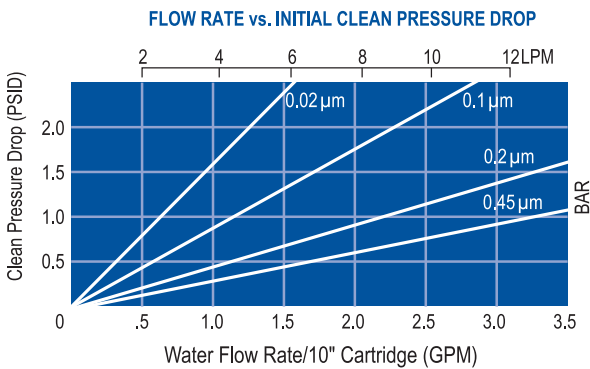


WE Series Pleated Polysulfone Membrane Filter Cartridge



- 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



(Rinse in @ 5-6 gpm per 10" to ensure removal of air and microbubbles between the membrane layers, especially with 0.02μ. Recommend flow per 10" is 2 gpm.)

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

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.



info@lenntech.com

www.lenntech.com

Tel. +31-152-610-900

Fax. +31-152-616-289