



WN Series Pleated Polysulfone Membrane Filter Cartridge

- Composed of pleated highly asymmetric polysulfone membrane over a non-woven polypropylene support layer
- For high flow rates and low pressure drops, absolute rated filters are designed for postfiltration in high purity water applications
- High-purity construction materials are factory rinsed with DI water for quick on-stream rinse up with a minimum of throughput
- Meets criteria for USP Class VI Biological tests for plastics, ensuring that no surfactants or coatings interfere with the application
- FDA listed materials - manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. code of Federal Regulations

SPECIFICATIONS

Dimensions

Diameter (OD)	2.6" (6.6 cm)
Length (in)	9.75, 10, 20, 30, 40

Materials

Cartridge	Polypropylene caps, core and cage
Media	Single layer asymmetric hydrophilic polysulfone
Seals	Silicone o-rings and gaskets

Operating Parameters

Maximum Temperature	180°F (82°C) @ 50 psid (3.4 bard)
Maximum Differential Pressure @ 20°C	80 psi (5.5 bar)
Filtration Efficiency	Absolute (> 99.9% Retention Rating by Latex Bead Challenge)

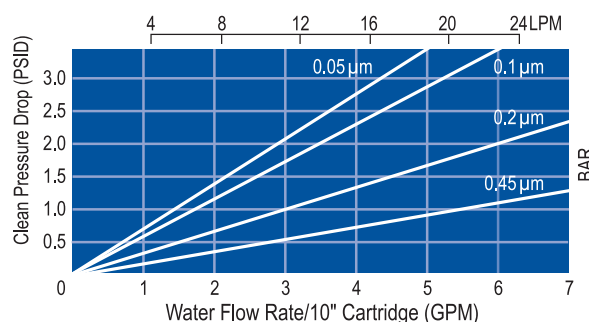
Recommended Water Flow Rates

0.05 micron	1.3 gpm/10" length (4.9 lpm/10" length)
0.1 micron	1.7 gpm/10" length (6.4 lpm/10" length)
0.2 micron	3.0 gpm/10" length (11.3 lpm/10" length)
0.45 micron	5.5 gpm/10" length (20.8 lpm/10" length)

Sanitizing Agents

	5% Chlorine, 3% hydrogen peroxide
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FLOW RATE vs. INITIAL CLEAN PRESSURE DROP



ORDERING INFORMATION

Catalog Number and Description

FCWN	Filter cartridge single layer polysulfone
X	Cartridge Code: 0 = 2-222 o-rings 5 = 2-222 o-rings w/spear 1 = single open end w/ internal o-ring 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: S05 = 0.05 μm, S1 = 0.1 μm, S2 = 0.2 μm, S4 = 0.45 μm

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

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