

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 post-filtration in high purity water applications
- The highly asymmetric membrane delivers longer on-stream life than conventional membrane products
- High-purity construction materials offer quick on-stream rinse-up with a minimum of throughput
- All polypropylene parts and thermal welding minimizes extractables
- All materials meet criteria for USP Class VI Biological tests for plastics, ensuring that no surfactants or coatings interfere with the application
- Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations, 21CFR. Materials used to produce filter media and hardware are deemed safe for use in contact with foodstuffs in accordance with EU Directives 2002/72/EC, 1935/2004, and/or 10/2011.

CARTRIDGE SPECIFICATIONS

Dimensions

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|---------------|---------------|
| Diameter (OD) | 2.7" (7.0 cm) |
| Length (in) | 10 - 40 in. |

Materials

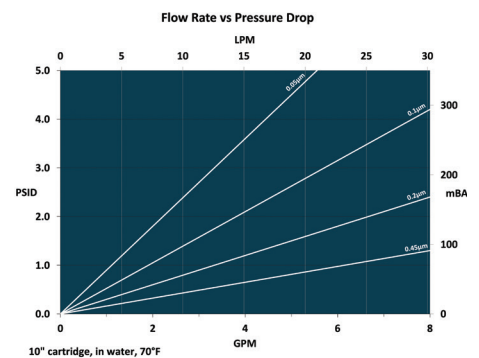
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|-----------|---|
| Cartridge | Polypropylene caps, core and cage |
| Media | Single layer asymmetric hydrophilic polysulfone |
| Seals | Silicone o-rings and gaskets |

Operating Parameters

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|--------------------------------------|------------------|
| Maximum Temperature | 176°F (80°C) |
| Maximum Differential Pressure @ 20°C | 50 psi (3.4 bar) |
| Filtration Efficiency | 100% Absolute |

Sanitizing Agents

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|-------------------------------------|
| 5% Chlorine or 3% hydrogen peroxide |
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ORDERING INFORMATION

Catalog Number and Description

| FCWN | Single Layer Polysulfone Filter Cartridge |
|-------|---|
| X | Cartridge Code 0 = 2-222 o-rings 1 = single open end w/ 213 internal o-ring 5 = 2-222 o-rings w/ spear 7 = 2-226 o-rings w/ spear F = double open end |
| 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 configure your 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.