

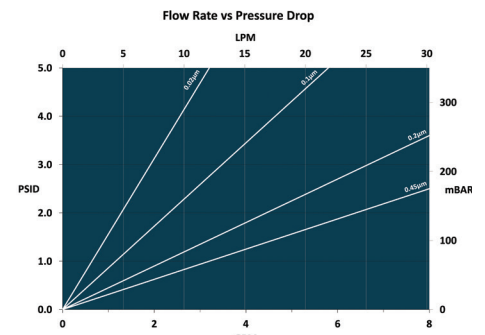
# WE Series Pleated Polysulfone Membrane Filter Cartridge



- Composed of a highly asymmetric polysulfone membrane. These absolute rated filters offer superior bacteria and particle removal for high efficiency post-filtration 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 offer quick on-stream rinse-up with a minimum of throughput
- All polypropylene hardware and thermal welding minimizes extractables
- 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	
Diameter (OD)	2.7" (7.0 cm)
Length (in)	9.75, 10, 20, 30, 40
Materials	
Cartridge	Polypropylene caps, core and cage
Media	Asymmetric hydrophilic polysulfone
Seals	Silicone o-rings
Operating Parameters	
Maximum Temperature	176°F (80°C)
Maximum Differential Pressure @ 20°C	50 psi (3.4 bar)
Filtration Efficiency	100% Absolute Rated
Sanitizing Agents	
Compatible with most sanitizing agents	
Integrity Test	
Pore Size	Diffusional Flow (cc/min) @ Test Pressure per 10" length
0.02 micron	20 @ 50 psig (3.4 bar)
0.1 micron	24 @ 25 psig (1.7 bar)
0.2 micron	18 @ 20 psig (1.4 bar)
0.45 micron	15 @ 15 psig (1.0 bar)



## ORDERING INFORMATION

### Catalog Number and Description

FCWE	Polysulfone Filter Cartridge
<b>X</b>	Cartridge Code: <b>0</b> = 2-222 o-rings <b>1</b> = single open end w/ 213 internal o-ring <b>5</b> = 2-222 o-rings w/ spear <b>7</b> = 2-226 o-rings w/ spear <b>F</b> = double open end
<b>XX</b>	Length (in): <b>09</b> = 9.75, <b>10</b> = 10, <b>20</b> = 20, <b>30</b> = 30, <b>40</b> = 40
<b>XX(X)</b>	Micron Rating: <b>S02</b> = 0.02 µm , <b>S1</b> = 0.1µm, <b>S2</b> = 0.2 µm, <b>S4</b> = 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.