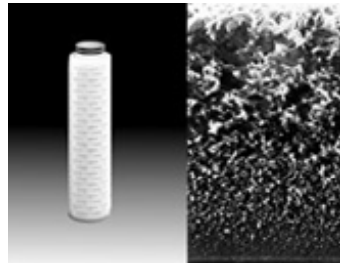


## High Flow Asymmetric Membrane Filter Cartridge



- Absolute Rated at >99.9% Efficiency With Retention Ratings of 0.05, 0.1, 0.2, 0.45, 0.65, 0.8, or 1.2  $\mu\text{m}$
- Proprietary Highly Asymmetric Membrane Ensures Superior Flow Rates and Long Life
- Contaminants Trapped and Held by Positive Mechanical Retention
- Manufactured in an ISO Class 7 Cleanroom
- Pre-Flushed and Tested with Ultrapure 18 Megohm-cm Water
- Compatible with Most Sanitizing Agents

### Performance Specifications

**Filter Grades (>99.9% Retention Rating by Standard Latex Bead Challenge):**  
0.05, 0.1, 0.2, 0.45, 0.65, 0.8, 1.2  $\mu\text{m}$

**Maximum Differential Pressure:**  
80 psid (5.5 bard) @ 68°F (20°C)  
20 psid (1.4 bard) @ 203°F (95°C)

**Recommended Changeout Differential Pressure<sup>1</sup>:**  
35 psid (2.4 bard)

**Chemical Compatibility:**  
Cartridge resists most acids and bases, pH 1-14, and most oxidizing agents. Consult factory for specific application information.

**Sanitizing Agents:**  
Cartridge may be sanitized in place with common oxidizing agents. Consult factory for compatibility information.

**Rinse-Up:**  
Cartridges will rinse-up to 18 Megohm-cm in less than 6 minutes at a flow rate of 2.6 gpm (10 lpm).

### Product Specifications

**Materials of Construction:**  
**Filter Media:** Hydrophilic Highly Asymmetric Polysulfone Membrane  
**Support Material:** Polypropylene  
**Hardware:** Polypropylene  
**Surface Treatment:** Hydroxypropylcellulose  
**Sealing:** Thermal Bond  
**Gaskets/O-rings:** Silicone Elastomer, EPDM, Buna N, Fluoroelastomer, FEP Encapsulated Silicone, FEP Encapsulated Fluoroelastomer, Expanded PTFE, White Silicone

**Dimensions (nominal):**  
**Outside Diameter:** 2 3/5" (6.6 cm)  
**Lengths:** 4" (10.2 cm), 10" (25.4 cm), 20" (50.8 cm), 30" (76.2 cm), 40" (102 cm)

### Liquid Flow Specifications

Filter Grade ( $\mu\text{m}$ )	DI Water Flow (10" equivalent)	
	< GPM >	< lpm >
	GPM/PSID	lpm/mbard
0.05	1.0	0.05
0.1	1.7	0.09
0.2	3.0	0.16
0.45	5.5	0.30
0.65	6.0	0.33
0.8	7.0	0.38
1.2	8.0	0.44

<sup>1</sup> Provided that the maximum differential pressure is not exceeded based on temperature limits defined above.

Malaysia - Thailand