



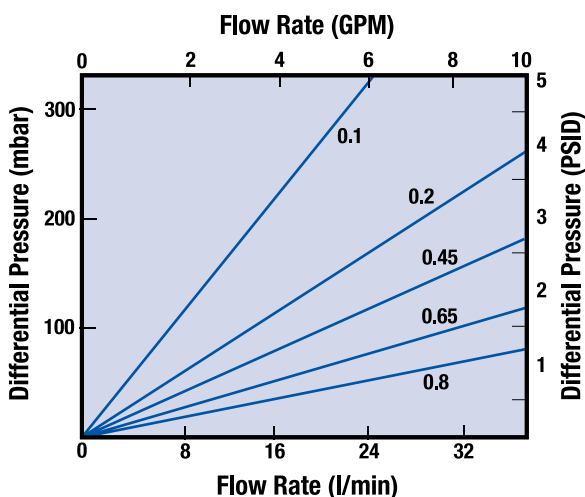
## InterFine W

### Water Service Grade - Hydrophilic Polyethersulfone (PES) Membrane for Water Purification

**Water Service Grade PES Cartridges** are cost-effective alternatives to General and Electronic Grade Cartridges for a variety of aqueous based fluids. Water Service Cartridges are manufactured from an inherently hydrophilic PES-membrane. The cartridge offers excellent flow characteristics, extended service life, and broad chemical compatibility.



#### Flow Rate (Water, 10")



#### Typical Applications

- Deionized Water Systems
- General-Use Water Filtration
- Liquid Clarification
- Recirculating Fluids
- Chemical Filtration

#### Construction Materials

- Membrane** ..... Polyethersulfone (PES)
- Support Media** ..... Polypropylene
- End Caps** ..... Polypropylene
- Center Core** ..... Polypropylene
- Outer Support Cage** .. Polypropylene
- O-rings/Gaskets** ..... Silicone, EPDM, Buna, Viton, Teflon® Encapsulated Viton, Polyfoam

#### Absolute Filtration Ratings

99.98% ( $\beta_x=5000$ ) removal efficiencies.

#### Sanitisation

- Filtered Hot Water** ..... 90° C for 30 minutes at a maximum of 1bar
- Cartridges are chemically compatible with most ultra-pure chemicals, solvents, and sanitising agents.

#### Dimensions

- Length:** 10 to 40 inches (25.4 to 101.6 cm) nominal
- Outside Diameter:** 2.70 inches (7.0 cm) nominal
- Filter Area:** 0,5 m<sup>2</sup> per 10"

#### Maximum Recommended Operating Conditions

**Maximum Temperature** ..... 80°C

#### Maximum Differential Pressures

- Forward** ..... 3,4 bar at 20°C
- Reverse** ..... 2,7 bar at 20°C

#### Product Purity

All components FDA acceptable per 21 CFR. All polypropylene components meet the specifications for biological safety per USP Class VI-121 C for plastics.

#### Ordering Information (universal ordering code, not all options are available)

PEW	Pore Size	Length	End Cap Code	O-Rings/Gaskets
	0,1 = 0,1 µm	1 = 10" (25.4 cm)	1 = DOE with Gaskets	1 = Silicone
	0,2 = 0,2 µm	2 = 20" (50.8 cm)	2 = SOE -222 O-rings with Flat Cap	2 = EPDM
	0,45 = 0,45 µm	3 = 30" (76.2 cm)	3 = SOE -222 O-rings with Fin	3 = Buna
	0,65 = 0,65 µm	4 = 40" (101.6 cm)	4 = SOE -222 O-rings with Spring	4 = Viton
	0,8 = 0,8 µm	Y = 5" (12.7 cm)	5 = SOE -226 O-rings with Spring	5 = Teflon® Encapsulated Viton
			6 = SOE -226 O-rings with Flat Cap	6 = Polyfoam End Gaskets
			7 = SOE -226 O-rings with Fin	
			8 = SOE with Spring	
			9 = SOE with Core Extender	