

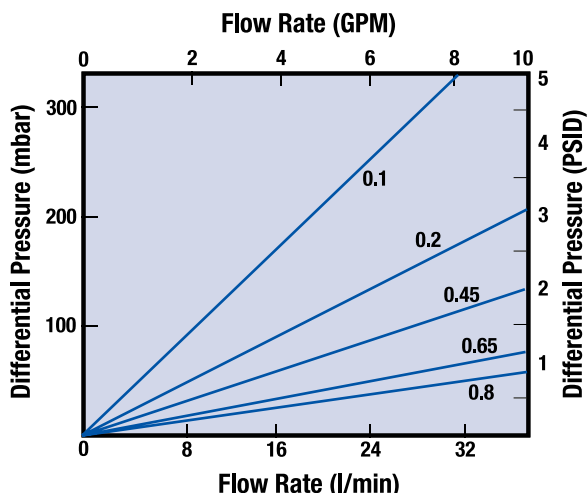


InterFine G

General Grade PES - Hydrophilic Polyethersulfone (PES) Membrane for Liquid Filtration

General Grade PES Cartridges are designed for general purpose use wherever a cost effective membrane filter is required. Manufactured to hold the maximum amount of filter media that can be completely and effectively utilised in a cartridge. General Grade 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: 0,7 m² 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)

PEG	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	