



Filter Data Sheet

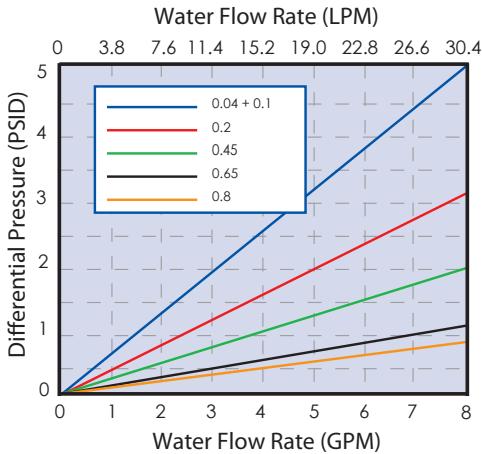
High Purity – General Grade PES

Hydrophilic Polyethersulfone (PES) Membrane for Liquid Applications

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 utilized in a cartridge. General Grade Cartridges are manufactured from an inherently hydrophilic PES membrane. These cartridges offer excellent flow characteristics, extended service life and broad chemical compatibility.



Flow Rate



Typical Applications

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

Construction Materials

Membrane.....Polyethersulfone
Support Media.....Polypropylene
End Caps.....Polypropylene
Center Core.....Polypropylene
Outer Support Cage.....Polypropylene
O-Rings/Gaskets..Buna, Viton, EPDM, Silicone, Teflon® Encapsulated Viton

Dimensions

Length:
10 to 40 inches (25.4 to 101.6 cm) nominal
Outside Diameter:
2.70 inches (7.0 cm) nominal
Maximum Recommended Operating Conditions
Temperature.....176°F (80°C)

Maximum Differential Pressures

Forward.....50 PSI (3.4 bar) at 20°C
Reverse.....40 PSI (2.7 bar) at 20°C

FDA Listed Materials

Manufactured from materials which are listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.

Toxicity

All polypropylene components meet the specifications for biological safety per USP Class VI – 121°C for plastics.

Ordering Information

GGPES	Pore Size	A	Length	C	End Cap Code	O-Rings/Gaskets	-	Adders
	0.04		10 (25.4 cm)		2 = DOE Flat Gasket	B = Buna		I = Stainless Steel Insert
	0.1		20 (50.8 cm)		3 = 222 w/ Fin	E = EPDM		
	0.2		30 (76.2 cm)		4 = 222 w/ Flat Cap	S = Silicone		
	0.45		40 (101.6 cm)		6 = 226 w/ Flat Cap	V = Viton		
	0.65				7 = 226 w/ Fin	T = Teflon® Encapsulated Viton		
	0.8				16 = 213 Internal O-Ring			

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