

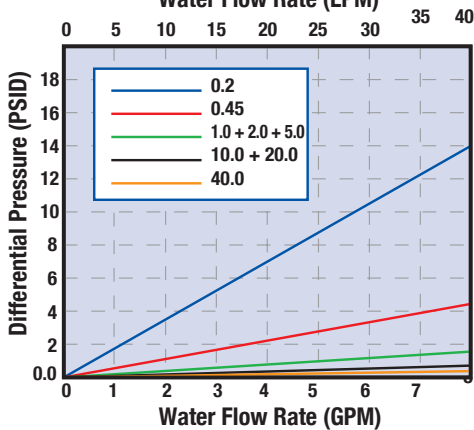
Filter Data Sheet

High Purity – PP Pleated Polypropylene Cartridge

Pleated Polypropylene Cartridges are designed for use in most applications where absolute rated pleated filtration is needed. Designed to hold 6.5 square feet of filtration media, our High Purity – PP Cartridge is a great value. These cartridges are constructed with 100% polypropylene materials and assembled using the latest thermal bonding equipment. Efficiency ratings to 99.98% (Beta 5000).

Flow Rate

10 inch (250 mm) Cartridges
Water Flow Rate (LPM)



Typical Applications

Food & Beverage	Process Water
Photographic	Fine Chemicals
Deionized Water	Plating Chemicals
R.O. Membrane	Wastewater
Pre-filtration	

Ordering Information

PP	Pore Size	A	Length	C	End Cap Code	O-Rings/Gaskets	-	Adders
	0.2		10 (25.4 cm)		2 = DOE Flat Gasket	B = Buna		I = Stainless Steel Insert
	0.45		20 (50.8 cm)		3 = 222 w/ Fin	E = EPDM		HP = Heavy Poly Core
	1.0		30 (76.2 cm)		4 = 222 w/ Flat Cap	S = Silicone		FG = Glass Reinforced PP Core
	2.0		40 (101.6 cm)		5 = 222 w/ Spring	V = Viton		SS = Stainless Steel Core
	5.0				6 = 226 w/ Flat Cap	T = Teflon® Encapsulated Viton		R = 18 Megohm Rinse
	10.0				7 = 226 w/ Fin			
	20.0				8 = 226 w/ Spring			
	40.0				16 = 213 Internal O-Ring			



Construction Materials

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

Sanitization/Sterilization

Filtered Hot Water80°C for 30 min.
Steam Sterilization..121°C for 30 min., multiple cycles.

Chemicals: Cartridges are chemically compatible with most chemicals and sanitizing agents.

Note: Stainless steel insert option needed for all cartridges being hot water sanitized or steam sterilized.

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

Change OutΔP 35 PSI
Temperature176°F (80°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.