

Filter Data Sheet

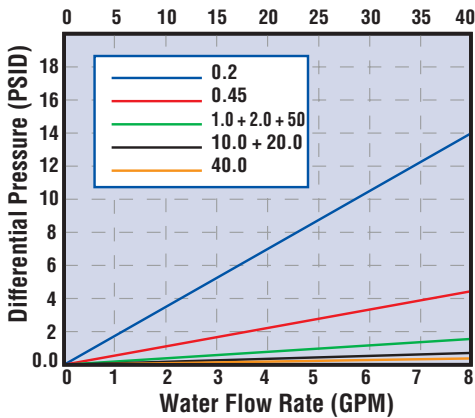
High Purity – PP

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
Prefiltration	

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	
	2.0		40 (101.6 cm)		5 = 222 w/ Spring	V = Viton	
	5.0				6 = 226 w/ Flat Cap	T = Teflon Encapsulated Viton	
	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 Water 80°C for 30 Minutes
Steam Sterilization..... 121°C for 30 min, multiple cycles

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

Note: Stainless 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:
2.75 inches (7.0 cm) nominal

Maximum Recommended Operating Conditions

Change Out Δ P-35 PSI
Temperature 176°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.