



High Purity - PP Pleated Polypropylene Cartridge

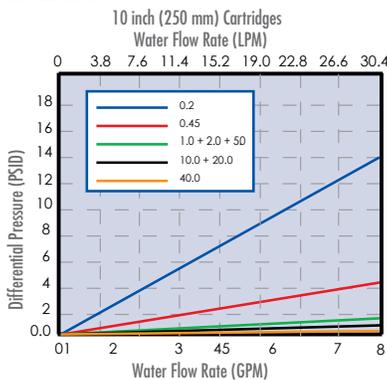
Filter Data Sheet

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)

Typical Applications:

- FOOD & BEVERAGE
- PHOTOGRAPHIC
- DEIONIZED WATER
- R.O. MEMBRANE
- PRE-FILTRATION
- PROCESS WATER
- FINE CHEMICALS
- PLATING CHEMICALS
- WASTEWATER

Flow Rate



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

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 Out.....P 35 PSI
Temperature.....176°F (80°C)

Sanitization/Sterilization

Filtered Hot Water..... 80°C for 30 min.
 Steam Sterilization..... 121°C for 30 min., multiple cycles

FDA Listed Materials

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

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

Toxicity

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

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

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® Endcapsulated Viton		R = 18 Megohm Rinse
	10.0				7 = 226 w/ Fin			
	20.0				8 = 226 w/ Spring			
	40.0				16 = 213 Internal O-Ring			

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