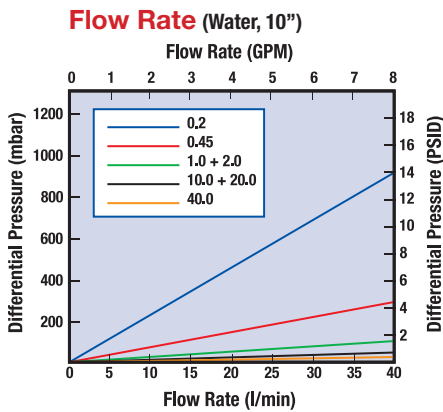




InterPleat PP

Pleated Polypropylene Cartridge

Pleated Polypropylene Cartridges are designed for use in most applications where absolute rated pleated filtration is needed. Designed to hold 0.6 m² of filtration media, our High Purity PPC-Cartridge is a great value. These cartridges are constructed with 100% polypropylene materials and assembled using the latest thermal bonding equipment.



Typical Applications

- Food & Beverage
- Photographic
- Deionized Water
- R.O. Prefiltration
- Process Water
- Fine Chemicals
- Plating Chemicals
- Wastewater

Absolute Filtration Ratings

99.98% (β_x=5000) removal efficiencies.

Construction Materials

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

Sanitisation/Sterilisation

- Filtered Hot Water 90°C
- Chemical Sanitisation - Industry standard concentrations of hydrogen peroxide, peracetic acid, sodium hypochlorite and other selected chemicals.

Dimensions

- Length: 10 to 40 inches (25.4 to 101.6 cm) nominal
- Outside Diameter: 2.70 inches (7.0 cm) nominal
- Filter Area: 0.6 m² per 10"

Maximum Recommended Operating Conditions

- Change Out Δ P 2.4 bar
- Temperature 80°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)

PPC	Pore Size		Length	End Cap Code	O-Rings/Gaskets
	0.2 = 0.2 µm	3 = 3.0 µm	1 = 10" (25.4 cm)	1 = DOE with Gaskets	1 = Silicone
	0.45 = 0.45 µm	5 = 5.0 µm	2 = 20" (50.8 cm)	2 = SOE -222 O-rings with Flat Cap	2 = EPDM
	0.65 = 0.65 µm	8 = 8.0 µm	3 = 30" (76.2 cm)	3 = SOE -222 O-rings with Fin	3 = Buna
	1 = 1.0 µm	10 = 10.0 µm	4 = 40" (101.6 cm)	4 = SOE -222 O-rings with Spring	4 = Viton
	1.2 = 1.2 µm	20 = 20.0 µm	Y = 5" (12.7 cm)	5 = SOE -226 O-rings with Spring	5 = Teflon®
	2 = 2.0 µm	40 = 40.0 µm		6 = SOE -226 O-rings with Flat Cap	Encapsulated Viton
		50 = 50.0 µm		7 = SOE -226 O-rings with Fin	
				8 = SOE with Spring	
				9 = SOE with Core Extender	

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