

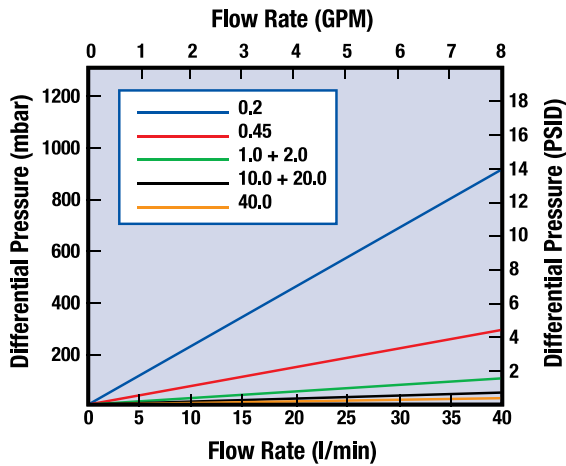


Filter Data Sheet

High Purity - 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.

Flow Rate (Water, 10")



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.

Absolute Filtration Ratings

99% ($\beta_x=100$) removal efficiencies.

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 ΔP 2,4 bar
Temperature 82°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.

Typical Applications

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

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	1 = 10" (25.4 cm)	1 = DOE with Gaskets	1 = Silicone
	0,45 = 0,45 μm	2 = 20" (50.8 cm)	2 = SOE -222 O-rings with Flat Cap	2 = EPDM
	1 = 1,0 μm	3 = 30" (76.2 cm)	3 = SOE -222 O-rings with Fin	3 = Buna
	2 = 2,0 μm	4 = 40" (101.6 cm)	4 = SOE -222 O-rings with Spring	4 = Viton
	5 = 5,0 μm		5 = SOE -226 O-rings with Spring	5 = Teflon® Encapsulated Viton
	10 = 10,0 μm		6 = SOE -226 O-rings with Flat Cap	6 = Polyfoam End Gaskets
	20 = 20,0 μm		7 = SOE -226 O-rings with Fin	
	40 = 40,0 μm		8 = SOE with Spring	
			9 = SOE with Core Extender	