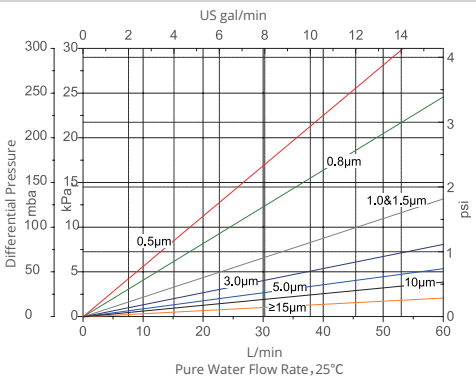
Multi-layer PP Pleated Filter Cartridge with Long Service Life



PPD Series

PPD adopts multi-layer gradient PP fiber material, which combines the advantages of depth filtration and pleated filtration, so that the filter cartridge has high dirt holding capacity and high retention efficiency. The full PP structure makes PPD series pleated filter cartridge suitable for clarification and filtration of various high-load chemicals.

Typical Liquid Flow Rates



Features

- Multi-layer pore size gradient filter medium, extensive chemical compatibility
- Combination of depth filter and pleated filter
- High efficiency, high flux, low pressure difference, long service life
- No fiber shedding

Typical Applications

- Filtration of glue, dyestuff, grinding fluid, high-load filtrate
- High impurity water filtration
- EDI Prefilters
- Resin capture filtration

Technical Parameters

Materials of Construction	Filter Membrane	PP
	Support/Drainage	PP
	Cage/End Cap	PP
	Core	PP/316L Stainless Steel
	Adaptor	PP/PP+Stainless Steel
	O-rings	S/E/N/F
	Sealed by hot melt welding, no adhesive	
Filter Dimensions	Outer Diameter	69mm
	Inner Diameter	33mm
	Length	5-40inches
	Filtration Area	⩾0.15m² (5inches);⩾0.30m²/10inches
Operating Conditions	Maximum Differential Pressure (forward)	5.2 bar @ 25°C，1.9 bar @ 82°C
	Maximum Differential Pressure (reverse)	2.1 bar @ 25°C
Biological Safety	Endotoxins	＜0.25 EU/mL
	Extractables	＜40 mg/10 inches
Sterilizable	Steam In-place	121°C 30min； differential pressure＜0.3 bar
	Autoclave	121°C 30min
Quality Control	• ISO 9001:2015 quality management system • Filter cartridge is fully traceable • All materials comply with relevant requirements of CFR21	

Ordering Information*

	Length	Pore Size	Adaptorh	Seal Material	Core
CRPPD	005 = 5″ 010 = 10″ 020 = 20″ 030 = 30″ 040 = 40″	050 = 0.50μm 080 = 0.80μm 100 = 1.0μm 150 = 1.5μm 300 = 3.0μm 500 = 5.0μm H10 = 10μm H15 = 15μm H20 = 20μm H30 = 30μm	0=DOE 1=222/Flat with 316L SS insert 2=222/Flat 3=222/Fin 4=222/Fin with 316L SS insert 5=226/Fin with 316L SS insert 6=226/Fin 7=226/Flat 8=226/Flat with 316L SS insert	S=Silicone E=EPDM N=Nitrile F=FKM	Blank=PP R=Reinforced PP S=316L Stainless Steel

*This ordering information is a guide for selecting filter element specifications. For other special connections or installation details, please contact MS.