



Hongtek Filtration Co., Ltd

PP Membrane Pleated Filter Cartridges



Description

PP Membrane Pleated Filter Cartridges are constructed by high purity pleated PP melt blown filter media ,provide excellent filtration efficiency and chemical compatibility across a wide range of liquid filtration process applications.

The constitution use thermal welding techniques to seal all components ,so that eliminates extracts and optimizing cartridge integrity. The large surface area ensure long service life and low pressure drops. All parts are assembled in a non-pollution room to refrain from contamination .

Membrane filters are widely used for demanding filtration field requiring high purity.

Feature

- 1, Manufacture in clean room and high cleaning environment
- 2, Multi-layers structure , absolute efficiency filter and long service life while steady filtration performance
- 3, End caps ,seals and components are assembled in fully sealed condition by thermal bond, free of binder ,additives and lubricants
- 4, Low pressure drop and high capacity of impurities
- 5, Strict election materials which according to FDA standard

Applications

- Prefiltration for RO/DI
- Etchants
- Oil industry
- Chemicals
- Cosmetics
- Medicine Filtering
- Semiconductor
- Food & Beverage
- Plating solution

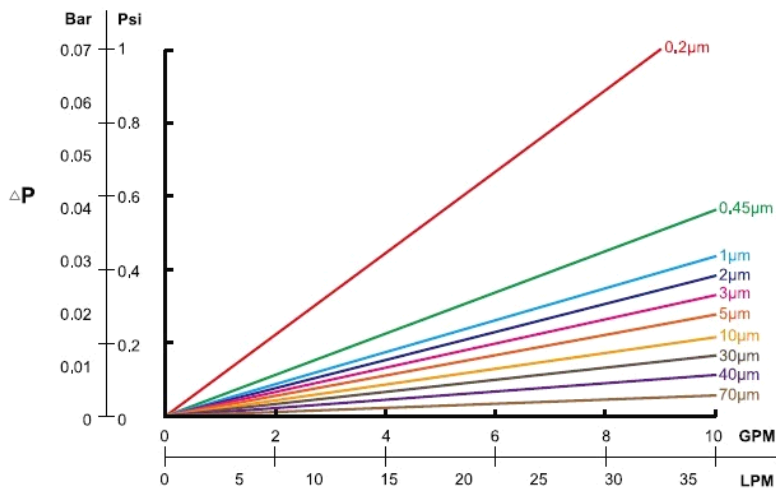
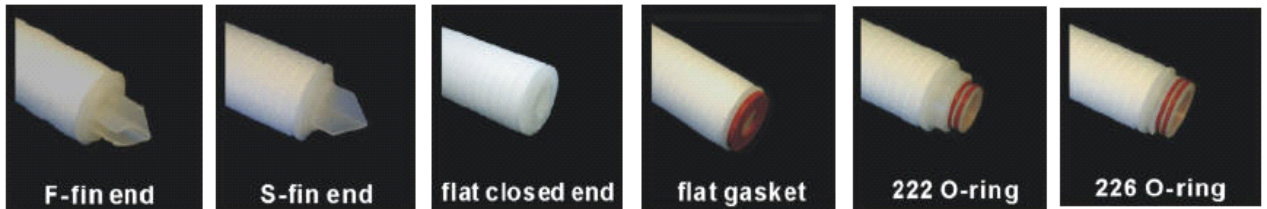
- Paints and Coatings

Specifications

Filter Media	Polypropylene
Length	5",9.8",10",20",30",35",40"
Micron Rating	0.1,0.22,0.45,0.65,0.8,1, 2,3,5, 10, 20,30,40, 50, 60µm
Outside Diameter	2.75"(70mm)
Core	Polypropylene
Filter Support	Polypropylene
Gasket/O-ring	Silicone, EPDM, Viton, NBR, Teflon encapsulated Viton
End Cap/Cage	Polypropylene

Operation Data

Max. Operating Temperature	80°C (176°F)
Max. Differential Pressure	4.8 bar at 20°C (70 psi at 68°F) 3.4 bar at 50°C (50 psi at 122°F) 1.4 bar at 80°C (20 psi at 176°F)
Recommended Change Out Differential Pressure :	2.4 bar (35 psi)
Sterilization Temperature Time	121°C (250°F) for 30 minutes at 1.0 bar (14 psi)



10" PP Membrane Pleated Filters Flow Rate

Order Information

HTPPM	Micron Ratings	Filter Media	Length	Gasket/O-ring	End Cap
Hongtek PP Membrane Pleated Filter Cartridges	0.1:0.1µm	P: Polypropylene	5: 5"	S-Silicone	A:Flat Gasket Double Open End
	0.22:0.22µm		9.8:9.8"	E-EPDM	B:2-222 O-ring with Flat End
	0.45:0.45µm		10:10"	N:NBR	C:2-226 O-ring with Flat End
	0.65:0.65µm		20:20"	V-Viton	D:2-222 O-ring with Fin
	0.8:0.8µm		30:30"	T-Teflon Encapsulated Viton	E: 2-226 O-ring with Fin
	1:1µm		35:35"		
	2:2µm		40:40"		
	3:3µm		Other Customized Sizes		
	5:5µm				
	10:10µm				
	20:20µm				
	30:30µm				
	40:40µm				
	50:50µm				
	60:60µm				

For Example:

HTPPM-0.1-P-10-S-A

Hongtek PP Membrane Pleated Filter ,Rating:0.1 µm ,

Filter Media:PP,Length:10",Gasket/O-ring:Silicone, End Cap:Flat Gasket Double Open End

Packing Reference

Long size	Pcs/ctn	G.W/ctn(kg)	Size/ctn (cm)
10"	24	8	68 * 35 * 28
20"	24	16	63 * 35 * 52
30"	12	12	89 * 35 * 28
40"	12	16	112 * 35 * 26

 **Hongtek Filtration Co., Ltd**

Web site : www.hongteknfiltration.com

E-mail: hongteknfiltration@gmail.com , info@hongteknfiltration.com,

Skype: Bension_lee , **MSN:** Sales@hongteknfiltration.com

Tel: +86-752-2203959 , **Fax:** +86-752-2203820 ,

Contact person: Mr. Benson Lee , **Mobile:** +86-15812554324

Export Office: No.13 Linghu 3rd Road,Xiajiao, Huizhou, Guangdong, China P.C. 516001

Factory Address: Duhu Road Industry Development Zones ,Taishan, Guangdong