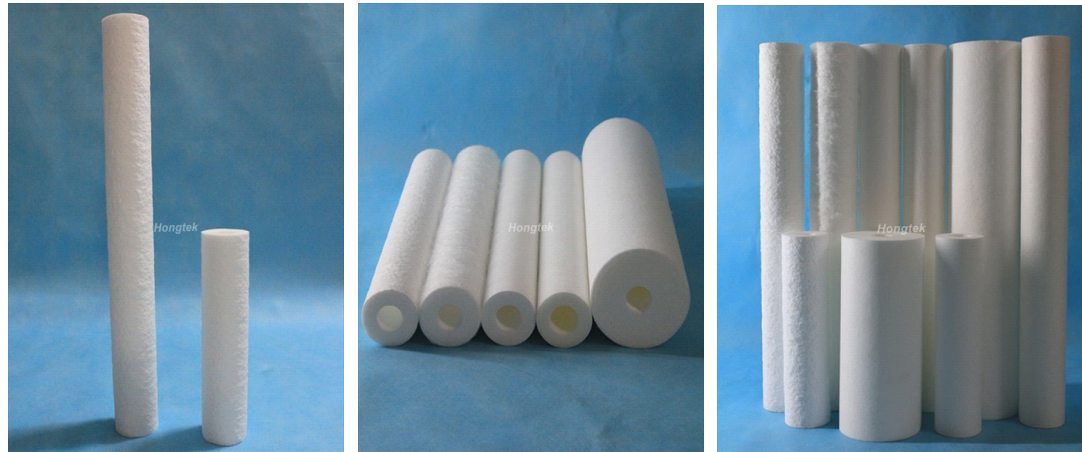




Hongtek Filtration Co., Ltd

Absolute Rate Melt Blown Filter Cartridges



Description

Hongtek Absolute Rate PP Melt Blown Filter Cartridges are constructed by high technology design that take advantage of flow pattern progressively from surface to inner center. It has significant service life when consistent high filtration efficiency. Manufactured with progressively graded density, the absolute rate of this filter could get to 99.9% and has supernormal dirt holding capacity.

Feature

- 1, 99.9% filtering efficiency (Beta Ratio: 1000) and exactly precision from 1um to 100 um
- 2, Exceptional compressive capacity
- 2, Depth layers structure ,high contaminant holding capacity and longer filter service life .
- 3, Made of FDA grade PP material which is environmental protection ,without binders,additives and lubricants .
- 4, High filtration efficiency,consistent filtration performance
- 5, Good Chemical compatibility

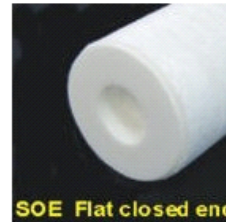
Application

- Water treatment
- Pre RO/ID water filtration
- Plating solution
- Petrochemical Process
- PCB industry
- Chemicals ,solvents
- Electronic Industry
- Filtering for Food & Beverage

Specification

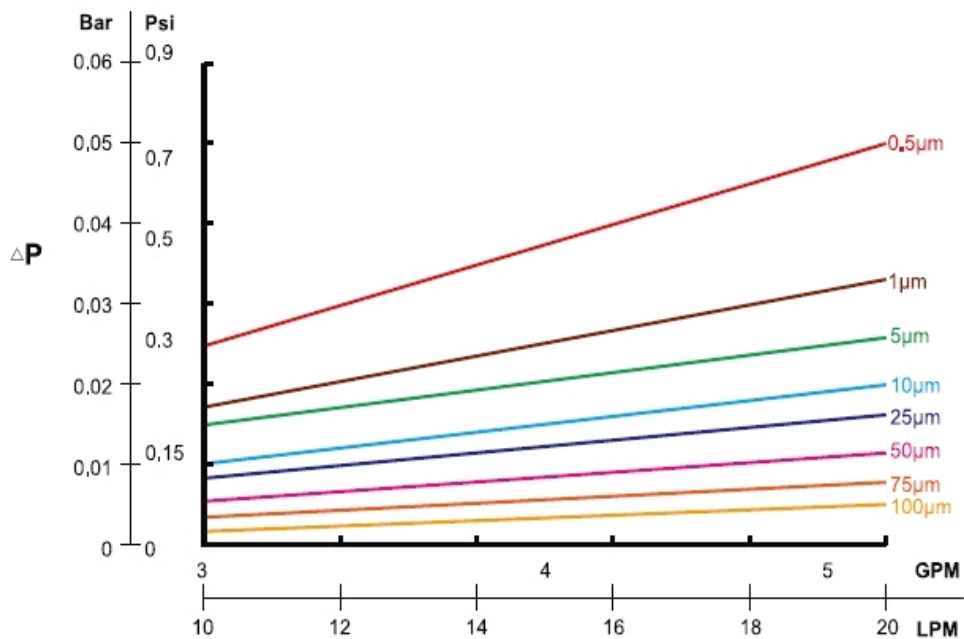
Filter Media	Polypropylene
Length	5",9.75",9.8",10",20",30",40",50" ,60"
Micron Rating	1, 5, 10, 20,30, 50, 75, 100 μm
Inside Diameter	1.1"(28mm)

Outside Diameter	2.5"(63mm)
Core	PP
Gasket/O-ring	Silicone, EPDM, Viton, Teflon encapsulated Viton
End Cap	Flat ,222 O-Ring,226 O-Ring,Fin



Operation Data

Max. Operating Temperature	60 °C(140°F)
Max. Differential Pressure	4.0 bar at 20°C (58 psi at 68°F) 2.0 bar at 60°C (29 psi at 140°F) 1.0 bar at 60°C (14 psi at 140°F)
Recommended Change Out Differential Pressure :	2.0 bar (29 psi)



10" PP Filters Flow Rate

Chemical Compatibility

Chemicals	25°C(77°F)	60°C(140°F)	Chemicals	25°C(77°F)	60°C(140°F)
Acetic Acid	Yes	Yes	Nitric acid 5~10%	Yes	Yes
Vinyl Acid	Yes	Yes	Toluene	Yes	No
Acetone	Yes	N/A	Methyl Alcohol	Yes	Yes
Hydroxyl benzene	Yes	Yes	Toluene	Yes	No
Hydrochloric acid	Yes	Yes	Alkanet Hexyls	Yes	No
Vitriol	Yes	Yes	Sodium Hydroxide	Yes	Yes
Nitric Acid 50%	No	No	Potassium Hydroxide	Yes	Yes

Order Information

Normal type : HTAPP-N-Rating-Length

HTAPP	Core	Rating	Length	End Cap Type	Seal material
Hongtek Absolute PP Melt Blown Filter	W:With Core	01:1µm	5: 5"	I -222/Flat end	V:Viton
	N:Without Core	05:5µm	9.75:9.75"	II -222/Fin	S: Silicon
		010:10µm	9.8:9.8"	III-226/Flat end	E:EPDM
		020:20µm	10:10"	IV-226/Fin	B:NBR
		030:30µm	20:20"		
		050:50µm	30:30"		
		075:75µm	40:40"		
		100:100µm	50:50"		
				60: 60"	
Other Customized Sizes					

For Example:

HTAPP-N--01-10- I -S

PP, Rating:1µm ,Core:Without Core,Length:10",End Cap:222/Flat end, Seal:Silicon

Packing Reference

Long size	Pcs/ctn	G.W/ctn(kg)	Size/ctn (cm)
5"	100	8	34* 34 * 53
10"	50	8	34* 34 * 53
20"	25	8	34* 34 * 53
30"	25	12	34* 34 * 80
40"	25	16	34* 34 * 104



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