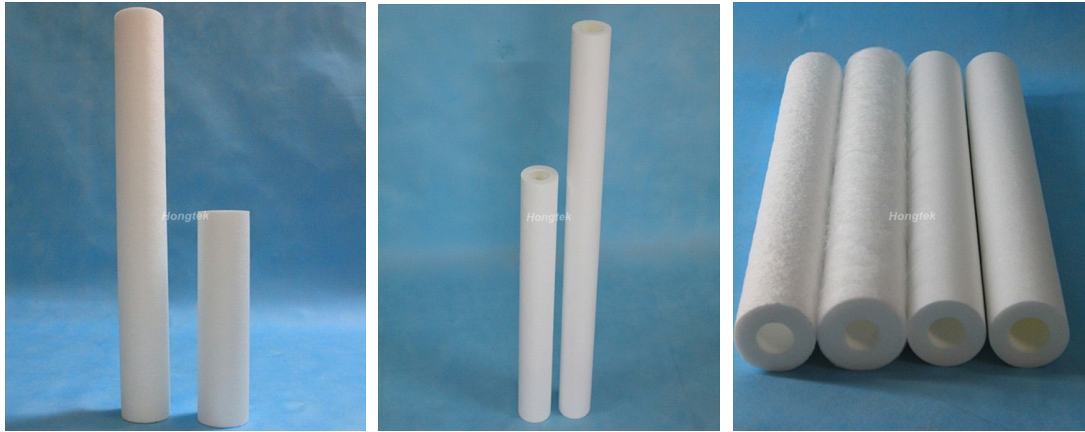




Hongtek Filtration Co., Ltd

PP Melt Blown Filter Cartridges



Description

Hongtek PP Melt Blown Filter Cartridge is made of 100% PP fibre ,manufactured by different pore diameter of spray nozzles.depth construction with fine fibers in inner layer when in outer layer fiber is coarse .It is high dirt holding capacity,low pressure drop,high flow rate ,good chemical resistance, no fibre release ,longer service life and effectively filtration for suspended particle,sediment and other kinds of impurities .

Feature

- 1, Safety Polypropylene material have a lot of demanding applications .
- 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 filtering performance
- 5, Mainly applied to most industry standard housings .

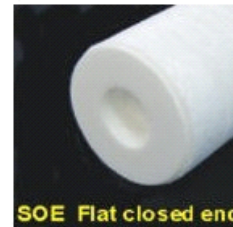
Application

- Industrial waste water treatment
- Pre RO/ID water filtration
- PCB industry
- Petrochemical Process
- Plating solution
- Chemicals and Solvents
- Electronic Industry
- Food & Beverage

Specifications

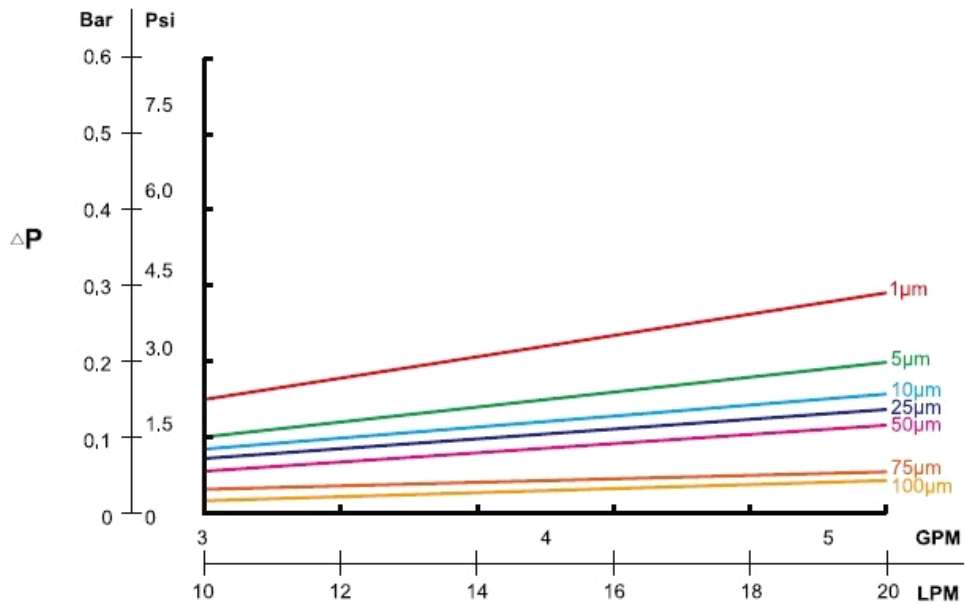
Filter Media	Polypropylene
Length	5",9.75",9.8",10",20",30",40",50" ,60"
Micron Rating	1, 5, 10, 20,30, 50, 75, 100 µm
Inside Diameter	0.8"(20mm), 0.9"(23mm), 1"(26mm), 1.1"(28mm), 1.2"(30mm), 1.3"(33mm), 1.4"(36mm)

Outside Diameter	2.36"(60mm),2.4"(61mm), 2.5"(63mm), 2.55"(65mm)
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	3.0 bar at 27°C (43 psi at 80°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 :	1 bar (14 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 : HT-D-M-Rating-Length

HPPP	ID	OD	Rating	Core	Rating	Length	End Cap Type	Seal material
Hongtek PP Melt Blown Filter Cartridge	A:20mm	J:60mm	01:1µm	W:With Core	01:1um	5: 5"	I -222/Flat end	V:Viton
	B:23mm	K:61mm	05:5µm	N:Without Core	05:5um	9.75:9.75"	II -222/Fin	S: Silicon
	C:26mm	M:63mm	010:10µm		010:10um	9.8:9.8"	III -226/Flat end	E:EPDM
	D:28mm	Y:65mm	020:20µm		020:20um	10:10"	IV -226/Fin	B:NBR
	E:30mm		030:30µm		030:30um	20:20"		
	F:33mm		050:50µm		050:50um	30:30"		
			075:75µm		075:75um	40:40"		
			100:100µm		100:100um	50:50"		
						60: 60"		
Other Customized Sizes								

For Example:

HTPP-E-M-01-N--01-10- I -S

PP,ID:30mm, OD:63mm, 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"	120	8	54 * 33 * 40
10"	60	8	54 * 33 * 40
20"	30	8	54 * 33 * 40
30"	30	12	78 * 33 * 40
40"	30	16	104 * 33 * 40
50"	30	20	128 * 33 * 40



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