



## EPP Series

# PP Melt Blown Filter Elements with Cores

### Description

EPP Series PP Melt Blown Filter Elements with Cores are manufactured of polypropylene complying with FDA, free of binder, surfactant and adhesive, accompanied by broad chemical compatibility. PP melt blown filter elements are robust and each high-efficiency polypropylene melt blown depth filter has an internal PP core for added strength. PP melt blown filter cartridges utilize a multi-layered construction for progressive contaminant removal efficiency and longer filter life. Hongtek innovatively creates PP water filter elements with superior performance and consistency, which are widely used in RO pre-filtration, microelectronics, food & beverage and process water industries.



### Features

- Melt blown filter elements have broad chemical compatibility
- PP water filter elements have high flow rate and low pressure drop
- PP melt blown filter elements have center core for withstanding pressure
- PP melt blown filters have higher dirty holding capacity and longer service life
- Non-shedding fixed pore structures of PP filters prevent release of trapped particles

### Specification

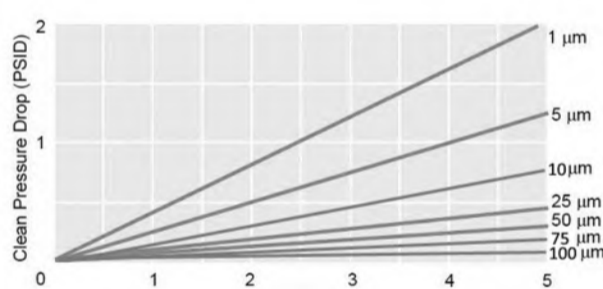
<b>Filter Media</b>	Polypropylene
<b>Core Material</b>	Polypropylene
<b>Length</b>	5", 9.75", 9.8", 10", 20", 30", 40", 50"
<b>Inside Diameter</b>	28mm, 30mm (Special ID can be customized)
<b>Outside Diameter</b>	2.5" (63mm), 2.55" (65mm), 4.5" (114mm)
<b>Filtration Rating</b>	1µm, 5µm, 10µm, 25µm, 30µm, 50µm, 75µm, 100µm
<b>Gasket/O-ring</b>	Silicone, EPDM, Viton, Buna-N
<b>End Cap Type</b>	DOE, 222/Flat, 222/Fin, 226/Flat, 226/Fin

### Application

- Cosmetics
- Bottled Water
- Pharmaceutical
- RO Pre-filtration
- Microelectronics
- Plating Solutions
- Municipal Water Filtration
- Power Plant Water Treatment

### Operation Data

<b>Max. Operating Temperature</b>	60°C (140°F)
<b>Max. Differential Pressure</b>	4.1 bar at 20°C (60 psi at 68°F) 2.1 bar at 60°C (30 psi at 140°F) 1.0 bar at 60°C (14 psi at 140°F)
<b>Liquid Flow Direction</b>	Outside to inside
<b>Recommend Change out Differential Pressure</b>	2.5 Bar



### End Cap Type



### Order Information

EPP	ID	OD	Micron Rating	Length	End Cap	Gasket/O-ring
EPP Series PP Melt Blown Filter Elements with Cores	A = 28mm	M = 63mm	1 = 1µm	5 = 5"	D = DOE	S = Silicone
			3 = 3µm	9.75 = 9.75"	T = 222/Flat (SOE)	E = EPDM
			5 = 5µm	9.8 = 9.8"		
	B = 30mm	F = 65mm	10 = 10µm	10 = 10"	O = 222/Fin (SOE)	V = Viton
			25 = 25µm	20 = 20"		
			50 = 50µm	30 = 30"	P = 226/Flat (SOE)	
			75 = 75µm	40 = 40"		
	C = 114mm		75 = 75µm	40 = 40"	L = 226/Fin (SOE)	U = Buna-N
			100 = 100µm	50 = 50"		

For Example:

EPP-B-M-5-40-D

EPP Series PP Melt Blown Filter Elements with Cores - 30mm - 63mm - 5µm - 40" - DOE

Special specifications PP Melt Blown Filter Elements can be customized, such as special ID, OD, length etc.

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