



Industrial Melt Blown Filter Cartridges

Grace Industrial Melt Blown Filter Cartridges are constructed by 3 layers of depth Polypropylene fibers. With the innovative design, the industrial grade filter cartridges allow comprehensive distribution of fluid flow throughout the entire depth of media. The manufacturing process combines superior process control along with quality assurance, resulting outstanding performances of finer retention rate, higher dirt holding capacity and lower pressure drop.

- Ⓒ **3 layers construction creates great dirt holding capacity and superior service life.**
- Ⓒ **Innovative construction design provides consistent particle removal efficiency.**
- Ⓒ **100% polypropylene depth filter cartridges for broad chemical compatibility.**
- Ⓒ **Free of binders, additives and lubricants.**
- Ⓒ **Manufactured by FDA grade polypropylene resin.**

Applications

Plating Solutions, Pre RO/DI, Chemicals, Petrochemical Process, Food & Beverage, Electronics

Specifications

Filter Media	Polypropylene
Micron Rating	0.5, 1, 5, 10, 25, 50, 75, 100 μm
Gasket/O-ring	Silicone, EPDM, Viton, Teflon encapsulated Viton
Inside Diameter	1.1"(28mm)
Outside Diameter	2.5"(63mm)

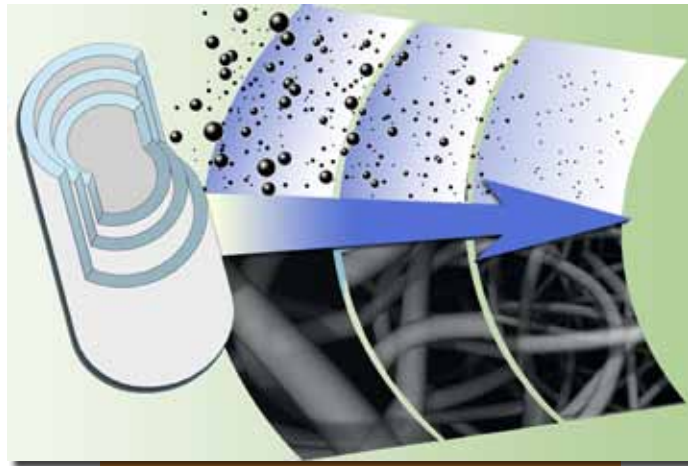
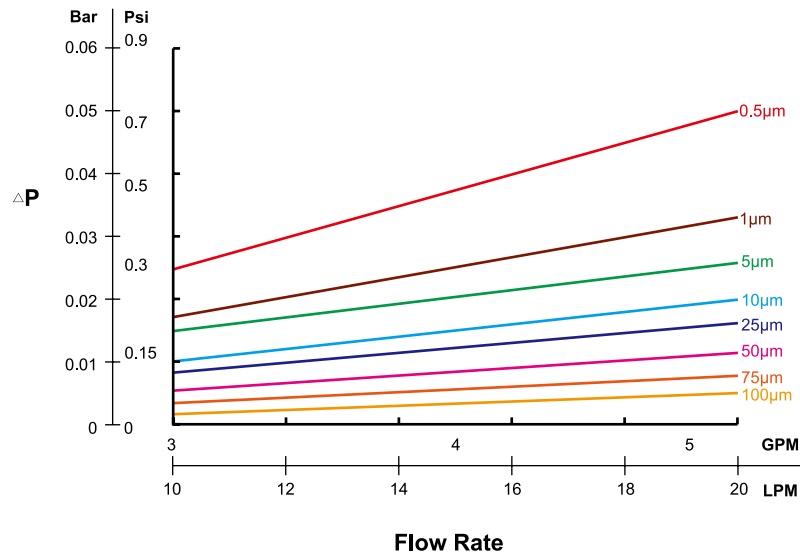
Operation Data

Maximum Operating Temperature : 60°C (140°F)
 Maximum 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 : 1.5 bar (22 psi)

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10" Industrial PP Melt Blown Filter Cartridge



Three Layers Construction

Ordering Information

Type	Series	Micron Rating	Filter Media	Nominal Length (inch/mm)	Gasket/O-ring Option	End Cap Option	Option
PB Melt Blown Filter Cartridge	I-I Industrial 3 Layers	05 – 0.5 μm 1 – 1 μm 5 – 5 μm 10 – 10 μm 25 – 25 μm 50 – 50 μm 75 – 75 μm 100 – 100 μm	P Polypropylene	05 - 127	S -Silicone E -EPDM V -Viton W -Teflon encapsulated Viton	0 :Flat Gasket Double Open End 5 :2-222 O-ring with Flat End 6 :2-226 O-ring with Flat End 8 :2-222 O-ring with Fin 9 : 2-226 O-ring with Fin	C - PP Core W - Patterned Surface CW - PP Core + Patterned Surface EX - Extended PP Core
				06 - 152			
				063 - 160			
				098 - 248			
				10 - 250			
				101 - 254			
				195 - 495			
				198 - 500			
				20 - 508			
				292 - 743			
295 - 750							
30 - 762							
39 - 990							
393 - 1000							
40 - 1016							
50 - 1270							
Other Customized Sizes							
PB Melt Blown Filter Cartridge	I Industrial 3 Layers	5 5μm	P Polypropylene	20 20"(508mm)	V Viton O-ring	6 2-222 O-ring with Flat End	C PP Core