



## Melt Blown Filter Cartridges

**G**race high performance PP Melt Blown Filter Cartridges are constructed from high-tech and precisely automatic controlled machines. The cartridges are 100% made of FDA grade polypropylene resin which is ideal for most general filtration requirements. The fiber matrix of the filter cartridge has been engineered to provide structural integrity throughout the long service life and stable pressure drop. Excellent character of non-fiber releasing provides optimum fluid purity and eliminates foaming.

- Ⓒ *100% polypropylene construction provides excellent chemical compatibility with a variety of process fluids and applications.*
- Ⓒ *Graded pore construction provides optimum particle retention and prevents media migration, ensuring consistent filtration performance.*
- Ⓒ *Free of binders, additives and lubricants.*
- Ⓒ *Low pressure drop, high dirt holding capacity and long service life.*
- Ⓒ *Manufactured by FDA grade polypropylene resin.*

### Applications

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

### Specifications

Filter Media	Polypropylene
Micron Rating	1, 5, 10, 25, 50, 75, 100 µm
Gasket/O-ring	Silicone, EPDM, Viton, Teflon encapsulated Viton
Inside Diameter	0.8"(20mm), 0.9"(23mm), 1"(26mm), 1.1"(28mm), 1.2"(30mm), 1.3"(33mm), 1.4"(36mm)
Outside Diameter	2.4"(61mm), 2.5"(63mm), 2.55"(65mm)

### Operation Data

Maximum Operating Temperature : 60°C (140°F)

Maximum Differential Pressure : 3.0 bar at 27°C (43 psi at 80°F)

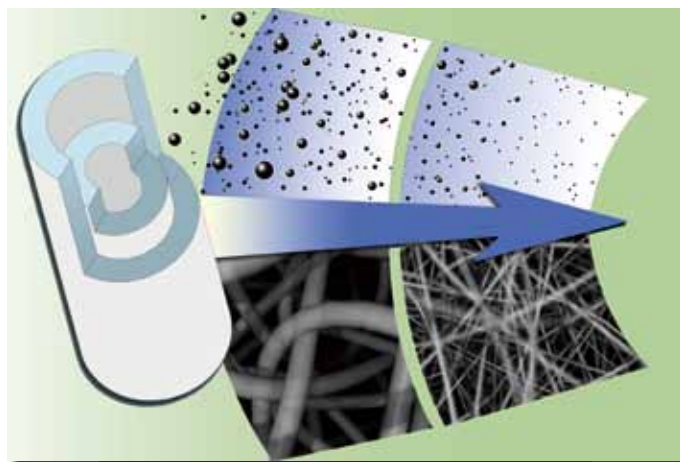
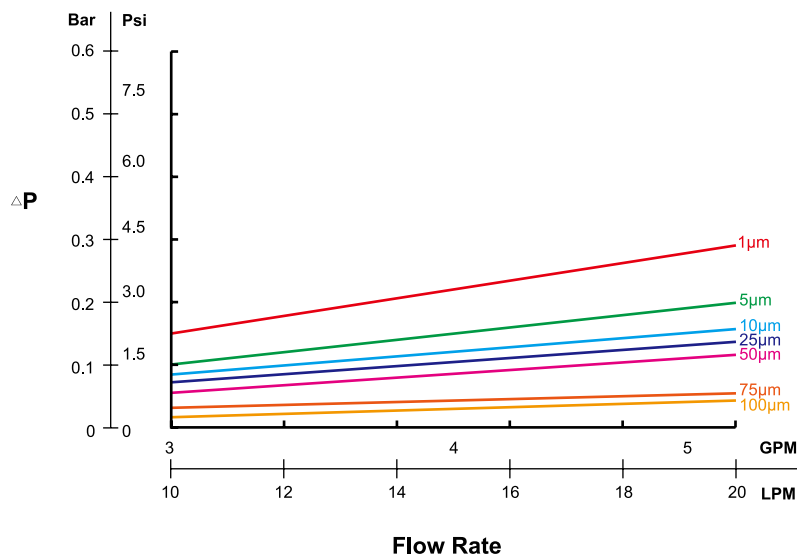
2.0 bar at 60°C (29 psi at 140°F)

1.0 bar at 60°C (14 psi at 140°F)

Recommended Change Out Differential Pressure : 1 bar (14 psi)

# Melt Blown Filter Cartridges

10" Polypropylene Melt Blown Filter Cartridge



Two Layers Construction

## Ordering Information

Type	Diameter	Micron Rating	Filter Media	Nominal Length (inch/mm)	Gasket/O-ring Option	End Cap Option	Option
<b>PB</b> Melt Blown Filter Cartridge	<b>(blank)</b> ID28mm, OD61mm <b>6C</b> ID28mm, OD63mm <b>2C</b> ID30mm, OD63mm <b>6D</b> ID28mm, OD65mm Other Customized Sizes	<b>1</b> – 1 μm <b>5</b> – 5 μm <b>10</b> – 10 μm <b>25</b> – 25 μm <b>50</b> – 50 μm <b>75</b> – 75 μm <b>100</b> – 100 μm	<b>P</b> Polypropylene	<b>05</b> - 127	<b>S</b> -Silicone <b>E</b> -EPDM <b>V</b> -Viton <b>W</b> -Teflon encapsulated Viton	<b>0</b> :Flat Gasket Double Open End <b>5</b> :2-222 O-ring with Flat End <b>6</b> :2-226 O-ring with Flat End <b>8</b> :2-222 O-ring with Fin <b>9</b> : 2-226 O-ring with Fin	<b>C</b> - PP Core <b>W</b> - Patterned Surface <b>U</b> - Grooved Surface <b>CW</b> - PP Core + Patterned Surface <b>CU</b> - PP Core + Grooved Surface <b>EX</b> - Extended PP Core
				<b>06</b> - 152			
				<b>063</b> - 160			
				<b>098</b> - 248			
				<b>10</b> - 250			
				<b>101</b> - 254			
				<b>195</b> - 495			
<b>198</b> - 500							
<b>20</b> - 508							
<b>292</b> - 743							
<b>295</b> - 750							
<b>30</b> - 762							
<b>39</b> - 990							
<b>393</b> - 1000							
<b>40</b> - 1016							
<b>50</b> - 1270							
Other Customized Sizes							
<b>PB</b> Melt Blown Filter Cartridge		<b>1</b> 1μm	<b>P</b> Polypropylene	<b>20</b> 20"(508mm)	<b>V</b> Viton O-ring	<b>5</b> 2-222 O-ring with Flat End	<b>C</b> PP Core