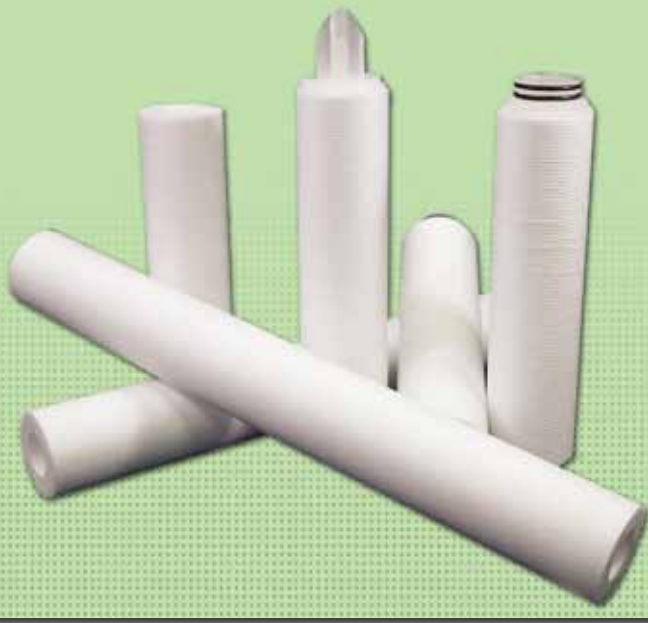


Absolute Rate Melt Blown Filter Cartridges



Grace Absolute Rate Melt Blown Filter Cartridges are constructed by an innovative design that utilizes flow pattern progressively from exterior surface to interior center. This design provides significant service life while maintaining consistent filtration efficiency. Manufactured with a truly graded density, the cartridges exhibit absolute rate at 99.9% and exceptional dirt holding capacity.

- Ⓞ **Absolute rate at 99.9% efficiency (Beta Ratio: 1000) with micron ratings from 1 μ m to 100 μ m.**
- Ⓞ **Continuously gradient pore construction increases dirt holding capacity.**
- Ⓞ **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

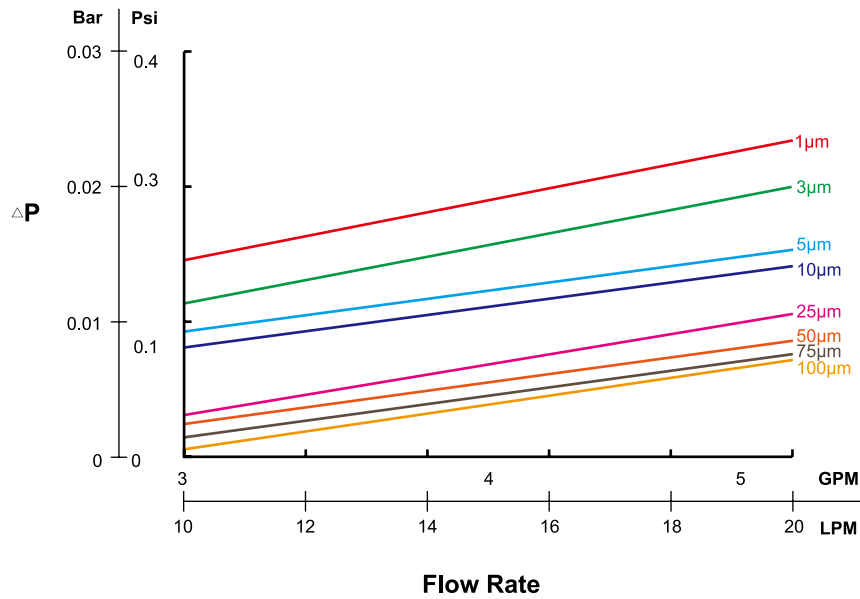
Filter Media	Polypropylene
Micron Rating	1, 3, 5, 10, 25, 50, 75, 100 μ m
Gasket/O-ring	Silicone, EPDM, Viton, Teflon Encapsulated Viton
Inside Diameter	1.1"(28mm)
Outside Diameter	2.5"(63mm)

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 : 2.0 bar (29 psi)

Absolute Rate Melt Blown Filter Cartridges

10" Absolute Rated Melt Blown Filter Cartridge



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	A - Absolute	1 – 1 μm	P Polypropylene	098 - 248	S -Silicone E -EPDM V -Viton W -Teflon encapsulated Viton	0 :Flat Gasket Double Open End	C - PP Core		
		3 – 3 μm		10 - 250				5 :2-222 O-ring with Flat End	W - Patterned Surface
		5 – 5 μm		101 - 254					
		10 – 10 μm		195 - 495					
		25 – 25 μm		198 - 500					
		50 – 50 μm		20 - 508					
		75 – 75 μm		295 - 750					
		100 – 100 μm		30 - 762					
	40 - 1016	8 :2-222 O-ring with Fin	EX - Extended PP Core						
	Other Customized Sizes			9 : 2-226 O-ring with Fin					
PB Melt Blown Filter Cartridge	A Absolute	10 10μm	P Polypropylene	098 9.8"(248mm)	S Silicone O-ring	9 2-226 O-ring with Fin	C PP Core		