

## iFILTRATION® MB Series

**iFILTRATION MB** series **Melt Blown** filter is made of polypropylene microfiber with heating, melting and tangling process without using any chemical adhesive. The fiber randomly self-bonds in the space to form a three-dimensional microporous structure, integrating surface, deep layer, and coarse filtration. A deep filtration structure is generated by fibers and density, which is formed as outer and inner dense gradient pore sizes in the direction of the diameter of the filter cartridge. The series has features of high filtration rate, high contaminant holding capacity and small pressure differential. It can effectively remove suspended solids, particles, rust, and other impurities in liquids. It provides efficient filtration effect and long service life.

### FEATURES

- High contaminant load capability
- Strong compatibility and wide range of applications
- Long service life and long-lasting filtration effect
- The heated and melted sealing process of end cap prevents bypass effectively
- Various designs in length and end cap designs

### APPLICATIONS

- Reverse Osmosis Pre-Treatment Filtration
- Sterile Water, Ultrapure Water Pre-Filtration
- Drinking Water Filtration
- Industrial Water, Electroplating Bath Filtration



## Materials of Construction

<b>Media</b>	Polypropylene
<b>End Cap &amp; Core</b>	Polypropylene
<b>Sea Options</b>	EPDM / VITON / SILICONE ENCAPSULATED VITON NO SEAL

## Operating Limits

<b>Max. Working Temperature</b>	80°C (176°F)
<b>Max. Operating ΔP</b>	2 bar

## Model Selection

	SERIES	FILTER MEDIA	EFFICIENCY RATE**	END CAP	LENGTH	SEAL	
<b>iFILTRATION MB</b>	D = iFILTRATION C = Cobetter	PP	0100 = 1 μm	4000 = 40 μm	F = DOE (NO END CAPS)	10"	E = EPDM
			0300 = 3 μm	7000 = 70 μm	W = 222 / FLAT	20"	V = VITON
			0500 = 5 μm	9000 = 90 μm	X = 222 / FIN	30"	S = SILICONE
			1000 = 10 μm	120H = 120 μm	Y = 226 / FIN	40"	EV = ENCAPSULATED VITON
			2000 = 20 μm	140H = 140 μm	Z = 226 / FLAT	50"	N = NO
						60"	

Note: Impact Filtration will custom-make iFILTRATION MB filter cartridge as per request.  
CM = Customize



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