








PREFLO MP™

Melt-blown Depth Filters / PP



INDUSTRIES & APPLICATIONS

-  **Food & Beverage** : Bottle water, Beers, Wines, Syrups, Soft drinks
-  **Electronics** : Process chemicals, Plating solutions, Wash solutions
-  **Chemicals** : Acids, Bases, Solvents
-  **Cosmetics** : Alcohol, Creams, Oils
-  **Coats** : Coating solutions, Paints, Inks
-  **Water treatment** : Process water clarification, Membrane pre-filtration
-  **Petrochemicals** : Amine process, Oils, Resins

PREFLO MP™ filter cartridge is the most economical depth filters ideal for use for a wide range of fluids like water, acids, bases, solvents, foods and beverage.

PREFLO MP™ filter cartridges have multiple filtration zones making a gradient pore structure of a filter, which effectively captures large particles in the outer sections while providing highly efficient and consistent removal of smaller particles in the innermost sections. As a result, the construction allows for a high dust holding capacity, high flow rate and high particle removal efficiency.

FEATURES & BENEFITS

- Graded pore construction provides low pressure drop and long filter life
- Minimized fiber migration
- All polypropylene construction provides excellent chemical compatibility
- Available in wide range of endcap styles and micron ratings
- Low maintenance cost
- No surfactants or adhesives are present to interrupt product quality
- All materials of construction are FDA listed and conform to the relevant requirements of 21CFR177

TECHNICAL DATA

Nominal Dimensions

· Length	250, 500, 750, 1000 mm 10, 20, 30, 40 inch
· Inner Diameter	28, 30 mm
· Outer Diameter	62, 65 mm

Materials of Construction

· Filtration Media	Polypropylene
· Inner Core	N/A
· Outer Cage	N/A
· End Caps	Polypropylene
· O-rings / Gaskets	Silicone EPDM Viton TEV Foamed Polyethylene

Max. Operating Temperature

80°C (176°F)

Max. Operating Forward Differential Pressure

4 bard (58.0 psid) at 20 °C
3 bard (43.5 psid) at 40 °C
2 bard (29.0 psid) at 60 °C
1 bard (14.5 psid) at 80 °C

Recommended Change Out Differential Pressure

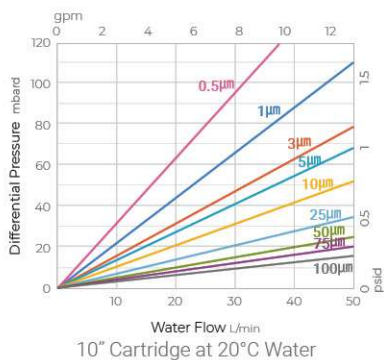
2 bard (29.0 psid)

Micron Ratings

0.5, 1, 3, 5, 10, 25, 50, 75, 100 µm
90% (β-Ratio 10) in accordance with modified ASTM F-795-88
(Single pass, constant flow of 10LPM/10" cartridge, ISO standard dust A3 in water)

TYPICAL CLEAN WATER FLOW

CARTRIDGE



ORDERING INFORMATION

①	②	③	S	P	④	⑤	⑥
DMP	001	C3			W	1	1
	MICRON RATING	END STYLE			SEALS	ID/OD	LENGTH
	P50 : 0.5µm	C1 : DOE			W : Without Seal	1 : Ø28/Ø62	1 : 250mm
	001 : 1µm	C2 : 226Lock/FLAT			P : Foamed PE	2 : Ø30/Ø62	2 : 500mm
	003 : 3µm	C3 : 222/FLAT			S : Silicone	1 : Ø28/Ø65 *	3 : 750mm
	005 : 5µm	C7 : 226Lock/FIN			E : EPDM	2 : Ø30/Ø65 *	4 : 1,000mm
	010 : 10µm	C8 : 222/FIN			V : Viton	*DOE only	5 : 1,250mm
	025 : 25µm				F : TEV		7 : 1,750mm
	050 : 50µm						A : 254mm
	075 : 75µm						B : 508mm
	100 : 100µm						C : 762mm
							D : 1,016mm