

PP Melt Blown Cartridge filter

Description

MS[®] PP Melt Blown cartridge filters proven to remove 99.98% of the contaminants at their micron rating. They are ideally suited for pre-RO, resin trap and cooling water applications. They are fused and intertwined of polypropylene resin without any chemical glues, it based on the manufacturing technology of multi-levelled comprehensive filter, is a kind of melt-blown three leveled PP impurity filter that is produced by three nozzles of different diameters. As the fiber and density from high filtration rating and pollutants holding capacity on diameter of cartridge filter, low pressure drop, gradual changing deep filtration structure with loose outside and close inner, strong pollutants holding capacity, it can remove contaminant effectively, such as suspended substance, particulate and rust, providing efficient filtration and long service life.

Application

Benefits

- Three layers structure cartridge offers high dirt holding capacity, longer service life
- Formed by thermal bond without using any binders and adhesives
- All polypropylene construction
- Core provides excellent strength
- Easy' and safe cartridge incineration and disposal
- All kinds of adaptors are available

- Drinking water treatment
- Electronic
- Industrial water treatment
- Plating
- Chemical solvents
- Pre-RO
- Cooling water

Performance Specifications

Materials

Medium	Polypropylene
Core	Polypropylene

Removal Ratings	1 μm, 5μm, 10μm, 20μm, 30μm and 50μm
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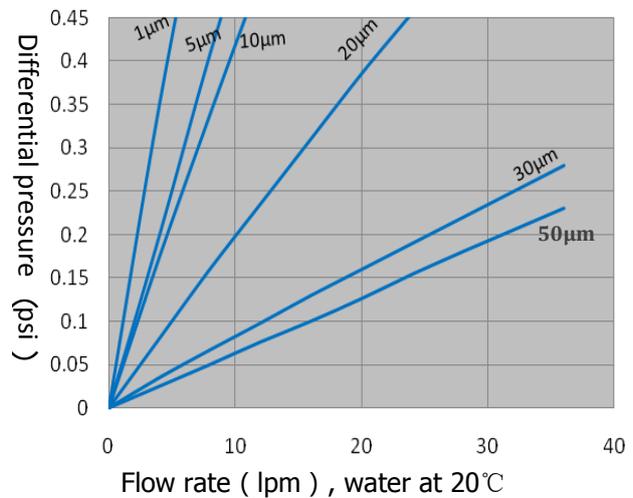
Configurations

Nominal length	254mm/10in, 508mm/20in, 762mm/30in and 1016mm/40in
Diameter	64mm/2.5in

Operating Conditions

Maximum Temperature	82°C / 180°F
Maximum Differential Pressure	4.1bar@30°C/60psid@85°F; 3.4bar@50°C/50psid@120°F; 2bar@70°C/30psid@160°F; 1bar@82°C/15psid@180°F

Pressure Drop vs. Liquid Flow Rate



Unit conversion : 1bar=100KPa

Flow rate is for a 25.4cm (10inch) cartridge. For liquids other than water, multiply differential pressure by fluid viscosity (cP)

Cartridge Ordering Information

Filter Media	Length (inches)	Micron Ratings	Core
PP=Polypropylene	10=10"	100=1μm	P=PP
	20=20"	500=5μm	
	30=30"	1000=10μm	
	40=40"	2000=20μm	
		3000=30μm	
		5000=50μm	

For Example:

CRMPP0100022

PP Melt Blown cartridge filter, 10"length, 0.22μm