



# Absolute Precision Melt-blown Cartridge



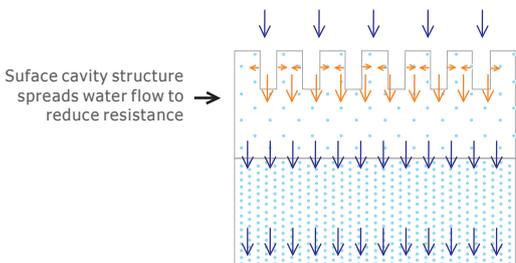
## Profile

We have improved our melt-blown technology to meet the market requirements for a pure polypropylene depth filter with exceptional dirt-holding capability and performance. We recommend "Super-Plus", or our surface groove technology which provides exceptional value for industry applications where long-life, Low pressure drop and high efficiency filtration is required.

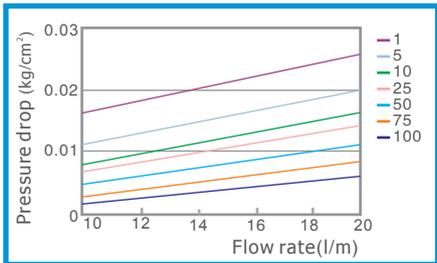
## Characteristics

- Absolute rating from 1 to 100 micron;
- Surface groove structure spreads water flow to reduce resistance
- Strengthened surface fiber structure: no fiber migration
- Gradient filtration structure: increase dirt hold capacity 100% PP melt-blown, good anti-chemical characteristic

### Two-layer Structure



DP max: 80°C: 1.2 kg/cm<sup>2</sup>  
 60°C: 2.1 kg/cm<sup>2</sup>  
 20°C: 4.2 kg/cm<sup>2</sup>  
 DP (replacement): 2.1kg/cm<sup>2</sup>  
 Temperature max: 95°C  
 D (outside):63mm ; D(inside):28mm



Initial pressure drop

Product filtration rate	Filtration efficiency(%)							
	1	3	5	10	25	50	75	100µm
1	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
3	89.3	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
5	75.9	91.2	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
10	63.8	87.3	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
25		69.9	92.8	>99.9	>99.9	>99.9	>99.9	>99.9
50			58.1	74.9	>99.9	>99.9	>99.9	>99.9
75				63.9	90.5	>99.9	>99.9	>99.9
100					60.1	87.4	>89.9	>99.9

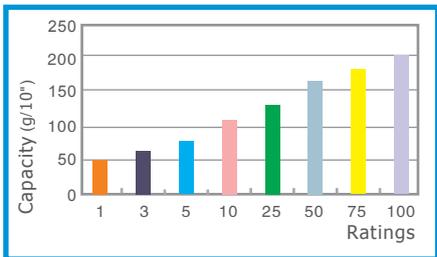
Filtration efficiency

## Applications

- Pre-filtration ● Recycled water
- Fixative ● Lower viscosity solution ● Coolant
- Spray-paint ● Electrophoretic paint

## Specification Code

FBM	10	7	B	1	N
FBM- Absolute Precision Melt-blown	Length: 10-10" 20-20" 30-30" 40-40"	Connection Code: 3, 4, 6, 7	Seal media: B-Buna N V-Viton S-Silicone E-EPDM U-none	Micron(um): 1 50 3 75 5 100 10 150 25	Center core: Y-PP N-None



Capacity of dust

Greener World & Better Life