

## PP Series – PP Multi-layer Melt Blown Depth Filter Cartridges



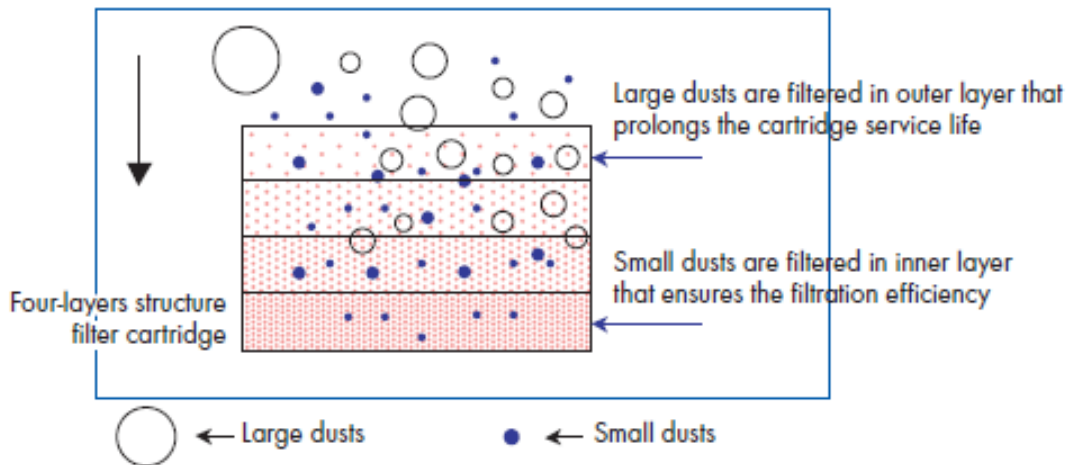
**PP Series  
PP Multi-layer Melt Blown Depth Filter  
Cartridge**

- Nominal micron ratings of 0.5 to 100**
- Available in sizes 9.87", 10", 20", 30" and 40".**
- NSF42 and FDA CFR Title 21 certified**
- 100% Polypropylene allows compatibility with most process fluids**
- Micro-denier melt blown fiber provides high removal ratings**
- Four Layer structure provides**
  - Four different pore diameters
  - Longer service life
  - Lower pressure drop
- Formed by thermal bonding without use of binders or adhesives**
- Recommended uses**
  - Chemical – Low viscosity fluids
  - Film – Fixative
  - Food – Edible oil
  - Machine – Recycled water
  - Paint – Electrophoretic paint
  - Water treatment - Pre-filtering
  - Electronics – Electroplating solution



**Suggested equivalent products**

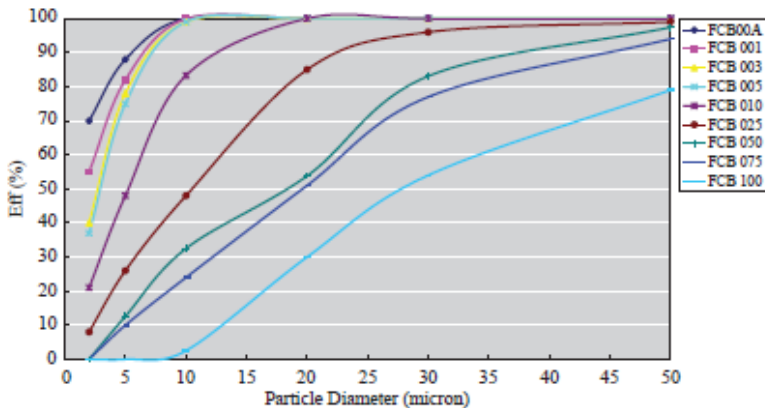
- |             |             |
|-------------|-------------|
| ■ Filterite | Poly-Matrix |
| ■ Osmonics  | Purtrex     |
| ■ Us Filter | P series    |



## Specifications

Item	Technical data
Micron ratings nominal (micro)	0.50 1.0 3.0 5.0 10 25 50 75 100
Material of construction	100% Melt Blown Micron-denier PolypropyleneFiber
Length (inch)	9.87 10 20 30 40
Inner diameter (inch)	1.1
Outer diameter (inch)	2.5
Maximum operating forward pressure	140 °F: 25 psi 68 °F: 45 psi
Recommended replaceable pressure drop	21 psi
Industry	Chemical, Film, Food, Machine, Paint, Water Treatment, Electronics
Maximum working temperature	140 °F

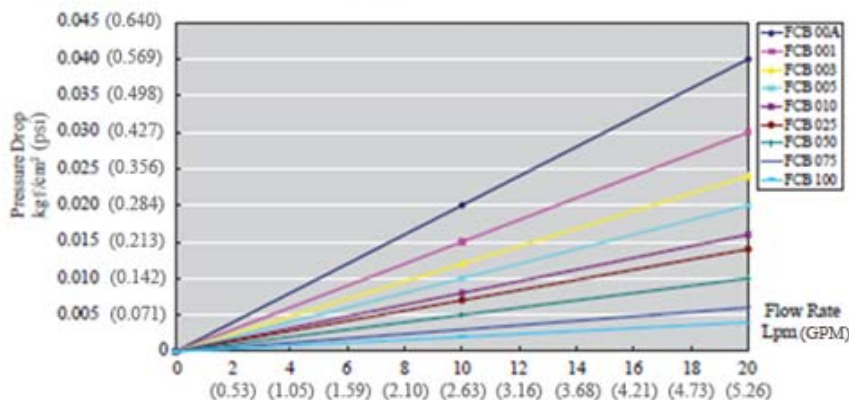
### Efficiency of Filtration



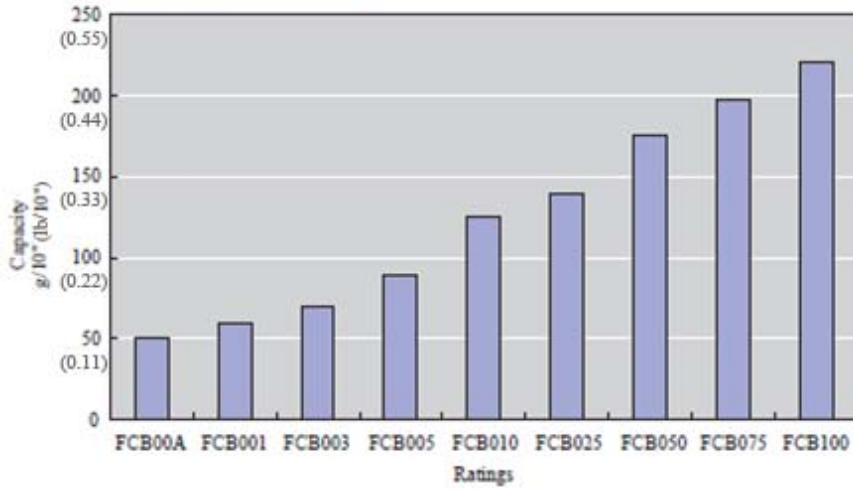
#### Micron Ratings

- FCB 00A = 0.5
- FCB 001 = 1.0
- FCB 003 = 3.0
- FCB 005 = 5.0
- FCB 010 = 10
- FCB 025 = 25
- FCB 050 = 50
- FCB 075 = 75
- FCB 100 = 100

### Initial Pressure Drop



**Capacity of Dust**



**Micron Ratings**

- FCB 00A = 0.5
- FCB 001 = 1.0
- FCB 003 = 3.0
- FCB 005 = 5.0
- FCB 010 = 10
- FCB 025 = 25
- FCB 050 = 50
- FCB 075 = 75
- FCB 100 = 100

**Product Codes**

F-	C-	B-	0987-	005-	E	0-	P
	<b>Outer Dia</b>	<b>Inner Dia</b>	<b>Bag Length</b>	<b>Micron Rating</b>	<b>O-ring</b>	<b>End Cap</b>	<b>Inner Core</b>
	2.5"	1.1"	0987=9.87" 1000=10.0" 2000=20.0" 3000=30.0" 4000=40.0"	00A=0.5 001=1 003=3 ...up to... 100=100s	E=EPDM N=Buna N S=Silicone V=VITON T= PFA encapsulated w/Viton A= PE (gasket only) *	Blank= Double Open F= Double Open w/ Cap (DOE) 0=222/Flat 5=222/Fin 6=226/Flat 7=226/Fin	P = PP

\* PE gasket with max temperature of 140°F

Example:

F-C-B-0987-005-E-0-P