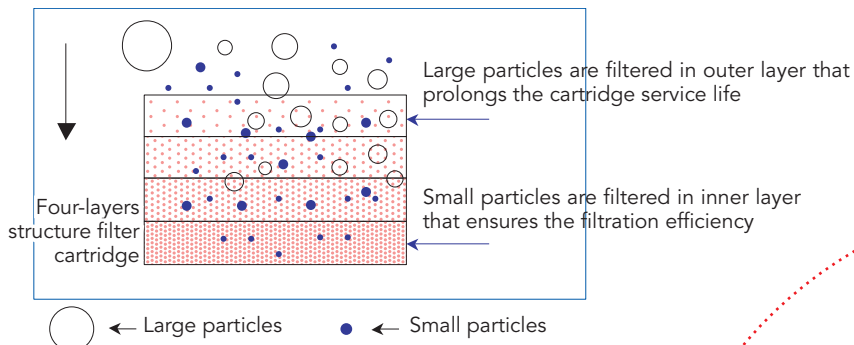


# Flow-Pure Depth Filter Cartridge

The Flow-Pure depth filter cartridge was manufactured by four different pore diameter of spray nozzle which is according to the patent of Filteck "the multi-layers production". The four-layers structure PP depth cartridge is functioned with fine fibers in inner layer and coarse fibers in outer layer which constitutes four different pore diameters in order to filtrate particles in different layers. This design has high contaminant holding capacity, which also ensures a longer service life and lower pressure drop.

## ► Features & Benefits

- Four-layers structure cartridge, high contaminant holding capacity, long filter service life.
- 100% PP for compatibility with a wide range of process fluids.
- Micro-Denier melt-blown filtration fiber, high removal ratings.
- Formed by thermal bond without use of any binders and adhesives
- Certificated by NSF42 and FDA CFR Title 21.
- In compliance with the latest EC Directive for food contact.



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## ► Operation conditions

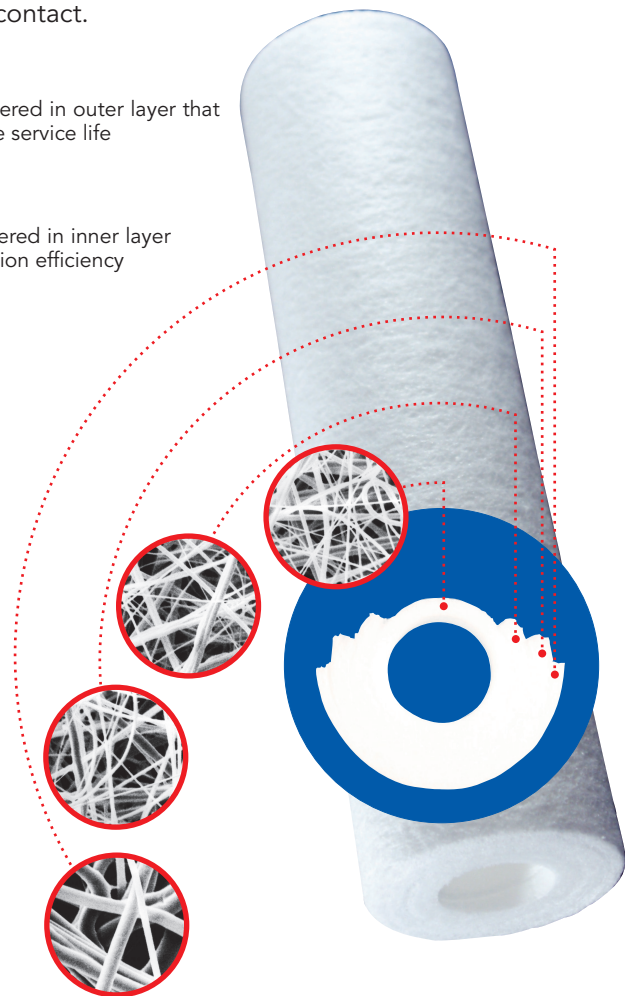
- Maximum operating forward pressure:  
60°C: 1.8 kg/cm<sup>2</sup>  
20°C: 3.2 kg/cm<sup>2</sup>

## ► Applications of product

- Recommended replacement pressure drop:  
1.5 kg/cm<sup>2</sup>
- Maximum operating temperature: 60°C

## ► Product specifications

- Filtration of etching and image development process solutions in PCB industry.
- Filtration of electroplating fluids in conventional electroplating industry.
- Pre-filtration of DI & RO water filtration system for industry usage.
- Filtration of low viscosity chemical fluids.
- Filtration of process water and recycled water.



Micron ratings: nominal 0.5, 1, 3, 5, 10, 25, 50, 75, 100 Micron

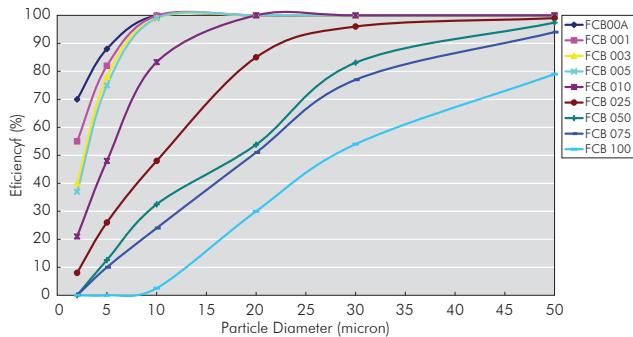
Material of construction: 100% melt-blown micron-denier PP fiber

Length: 9.87", 10", 20", 30", 40" (251mm, 254mm, 508mm, 762mm, 1016mm)

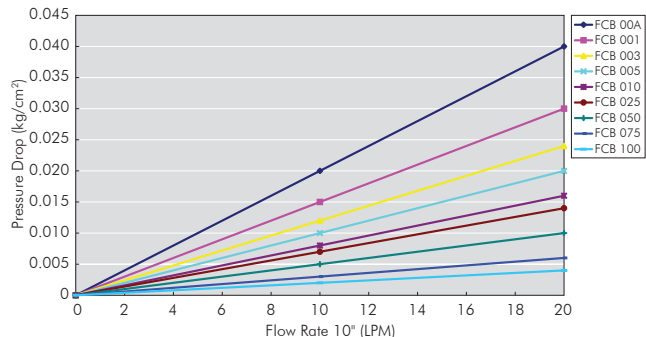
Inner diameter: 28mm

Outer diameter: 63mm

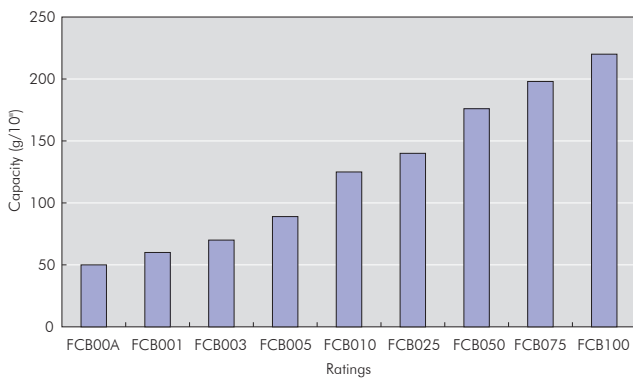
### Efficiency of Filtration



### Initial Pressure Drop



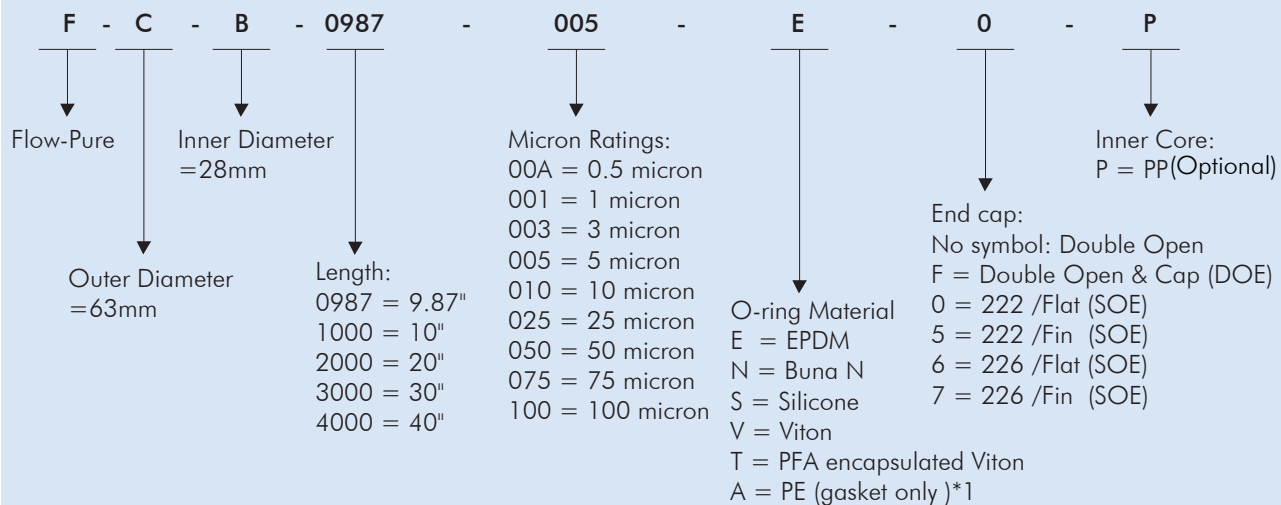
### Capacity of Dust



### Suggested equivalent products

- Pall                                      Poly-Matrix
- GE Osmonics                          Purtrex
- Pentair                                    P series

## Ordering Information



\*1: PE gasket with Max. temperature 60°C