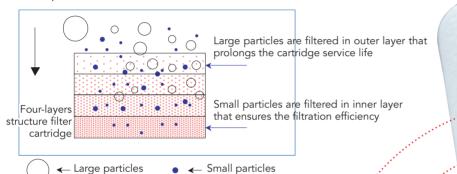
Flow-Pure Depth Filter Cartridge

The Flow-Pure depth filter cartridge was manufactured by four different pore diameter of spray nozzle which is according to the patent of Filtteck "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.





Operation conditions

 Maximum operating forward pressure: 60°C: 1.8 kg/cm² 20°C: 3.2 kg/cm²

Applications of product

- Recommended replacement pressure drop: 1.5 kg/cm²
- 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

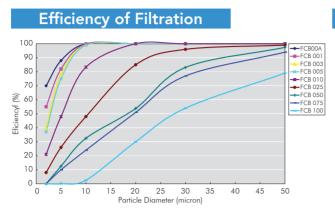
Material of construction: 100% melt-blown micron-denier PP fiber

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

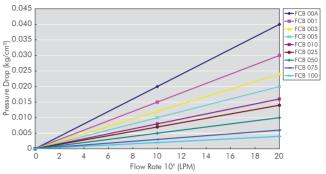
Inner diameter: 28mm

Outer diameter: 63mm

Filtteck Melt Blown Depth Filter



Initial Pressure Drop



Capacity of Dust

Suggested equivalent products

Pall Poly-Matrix

T = PFA encapsulated Viton A = PE (gasket only)*1

- GE Osmonics
- Purtrex P series
- Pentair

Ordering Information 0987 F - C В 005 Ρ Е 0 -_ Flow-Pure Inner Diameter Micron Ratings: Inner Core: P = PP(Optional)=28mm 00A = 0.5 micron 001 = 1 micron End cap: 003 = 3 micron No symbol: Double Open 005 = 5 micron Length: F = Double Open & Cap (DOE)**Outer Diameter** 010 = 10 micron $0987 = 9.87^{"}$ 0 = 222 /Flat (SOE) =63mm O-ring Material 025 = 25 micron $1000 = 10^{\circ}$ 5 = 222 /Fin (SOE) E = EPDM050 = 50 micron $2000 = 20^{"}$ 6 = 226 /Flat (SOE) N = Buna N 075 = 75 micron $3000 = 30^{"}$ 7 = 226 /Fin (SOE) S = Silicone100 = 100 micron $4000 = 40^{\circ}$ V = Viton

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

02

High Dust Capacity