

Product Lines

Super-Pure Depth Filter Cartridge

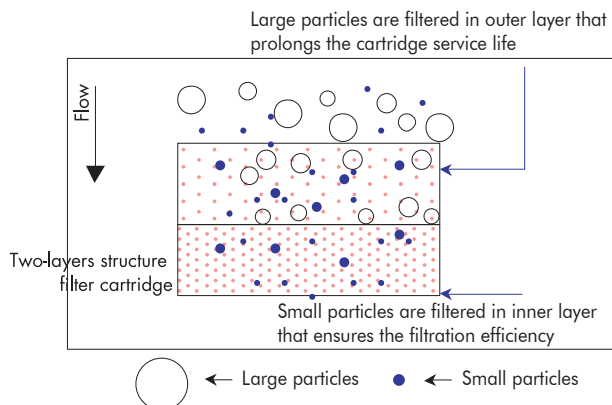
The Super-Pure depth filter cartridge is two-layers structure cartridge with fine fibers in inner layer and coarse fiber in outer layer in order to filtrate different diameter of dust in different layer. This design has high contaminant holding capacity, which also ensures a longer Service life and lower pressure drop.

Features & Benefits

- Two-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:
 - 80°C: 1.2 kg/cm²
 - 60°C: 2.1 kg/cm²
 - 20°C: 4.2 kg/cm²
- Recommended replacement pressure drop: 2.1 kg/cm²
- Maximum operating temperature: 80°C



Applications of product

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

Product specifications

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

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

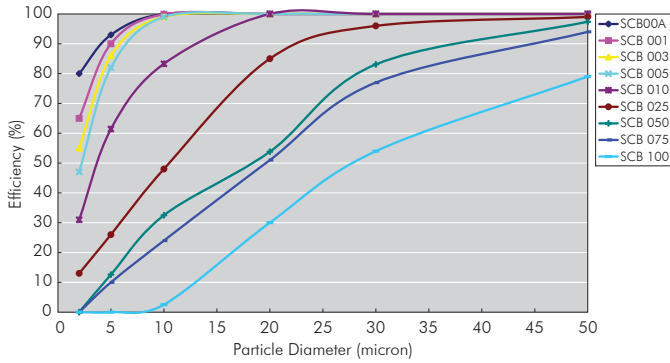
Length: 9.87", 10", 20", 30", 40"
(251mm, 254mm, 508mm, 762mm, 1016mm)

Inner diameter: 28mm

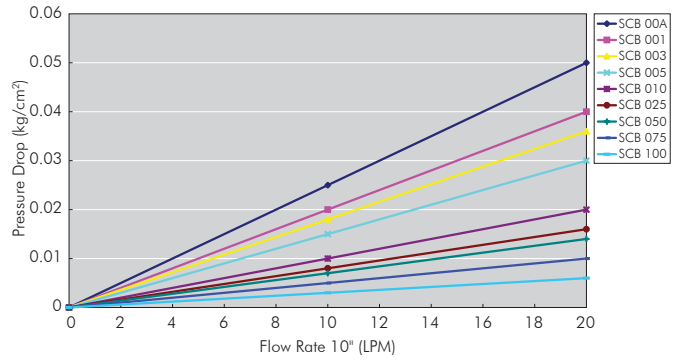
Outer diameter: 63mm

The Efficiency of Super-Pure Depth Filter Cartridge

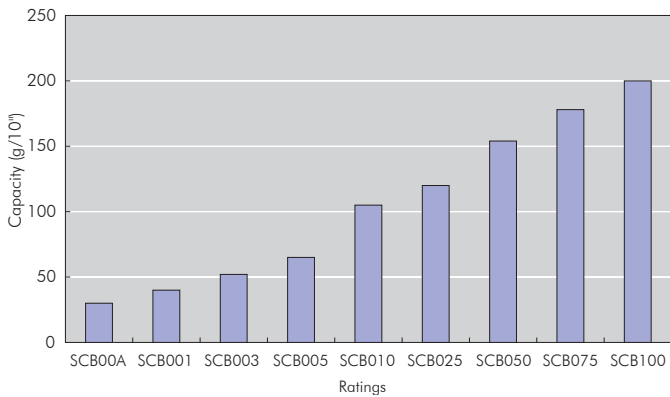
Efficiency of Filtration



Initial Pressure Drop



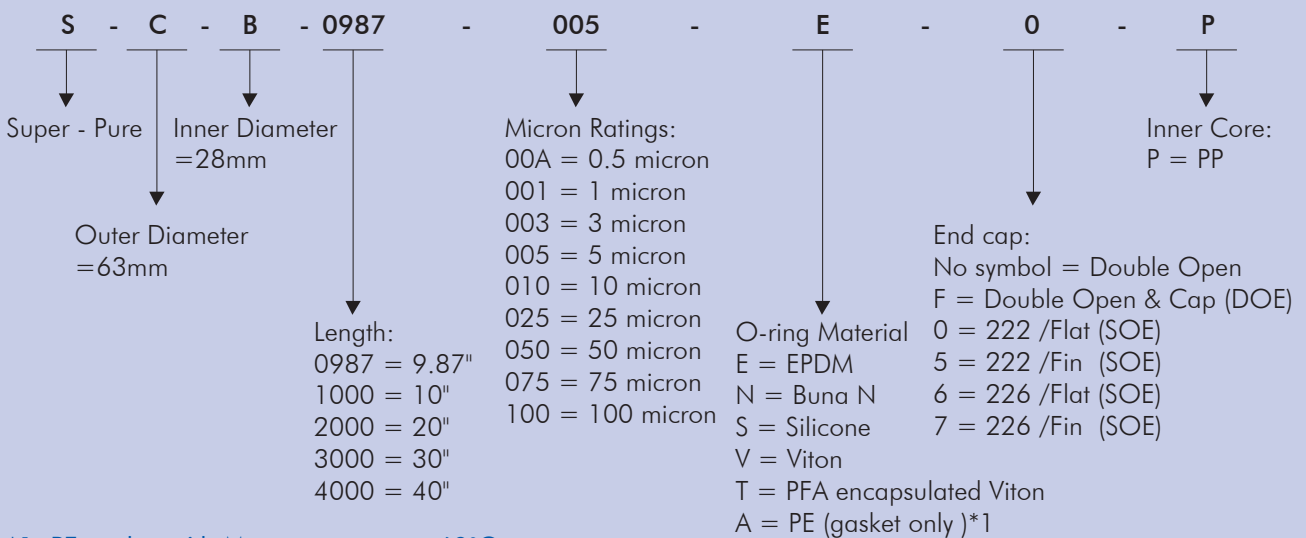
Capacity of Dust



Suggested equivalent products

- Pall Claris
- GE Osmonics Hytrex

Ordering Information



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