



Super-Pure Depth Filter Cartridge

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

Features & Benefits

- Two-layers structure cartridge, high contaminant holding capacity, longer 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.
- Certified by NSF42 and FDA CFR Title 21.
- In compliance with EU Directive 2002/72/EC for plastic in food contact.

Operating Conditions

- Maximum operating forward pressure:
 - 80°C: 1.2 kg/cm²
 - 60°C: 2.1 kg/cm²
 - 20°C: 4.2 kg/cm²
- Recommended replaceable pressure drop: 2.1 kg/cm².
- Maximum operating temperature: 80 °

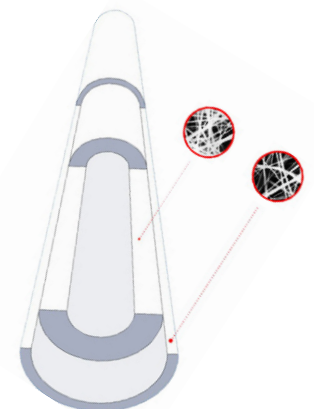
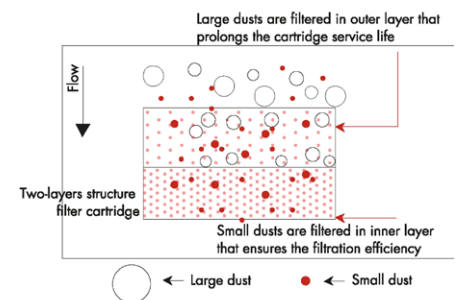
Product specifications

- Micron ratings: from 1 to 150.
- Material of construction: 100% melt-blown micro-denier PP fiber.
- Length: 9.87", 10", 20", 30", 40", 50", 60"
- Internal diameter: 1.1" (28 mm).
- External diameter: 2.5" (63 mm).
- Filtering area:

10" : 0.05 m ²	40" : 0.20 m ²
20" : 0.10 m ²	50" : 0.25 m ²
30" : 0.15 m ²	60" : 0.30 m ²

Applications of product

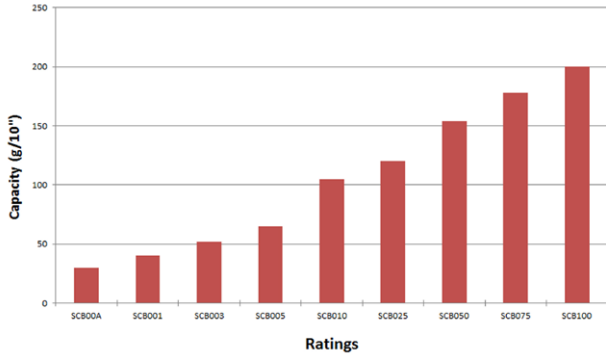
- Filtration of etching, and image development process solution in PCB industry.
- Filtration of electroplating fluid in conventional electroplating industry.
- Pre-filtration of DI & RO water filtration system for industry usage.
- Filtration of medium & low viscosity chemical fluids.
- Filtration of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



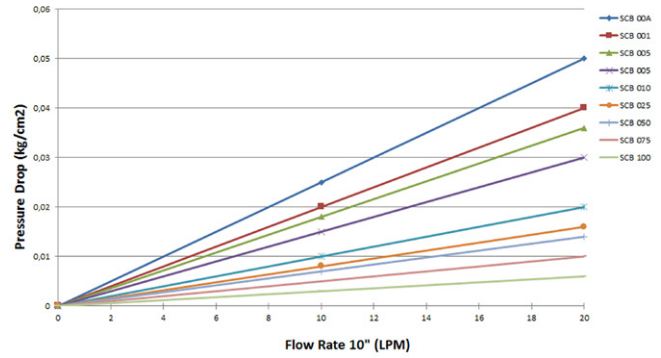


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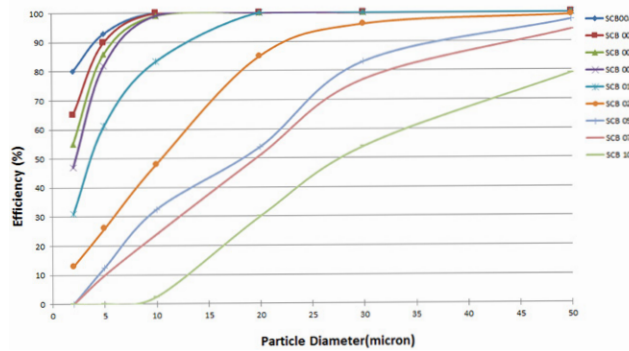
Capacity of Dust



Initial Pressure Drop



Efficiency of Filtration



Ordering Information

S	C	B	0987	005	E	0	P
Super-Pure	Outer diameter: 63mm	Inner diameter: 28mm	Length 0987 : 9,87" 1000 : 10" 2000 : 20" 3000 : 30" 4000 : 40"	Micro Ratings: 00A : 0.5 micron 001 : 1 micron 003 : 3 micron 005 : 5 micron 010 : 10 micron 025 : 25 micron 050 : 50 micron 075 : 75 micron 100 : 100 micron	O-Ring Material: E = EPDM N = BUNA N S = Silicone V = Viton T = PFA Encapsulated Viton A = PE (gasket)*1	End cap: No symbol = Double Open F = Double Open & Cap (DOE) 0 = 222 /Flat (SOE) 5 = 222 /Fin (SOE) 6 = 226 /Flat (SOE) 7 = 226 /Fin (SOE)	Inner Core: P = PP

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