

Super-PBT (Polyester)

Melt blown Depth Filter Cartridge

The Super-PBT is the (Polyester type) melt bonded depth filter cartridge for use in applications where petroleum oils and acid solution and/or high temperature rule out the use of polypropylene. In addition, it has the benefits, such as true gradient depth filtration, extremely low pressure losses, high removal ratings and high void volumes, all of which go to make the Super-PBT product of choice for many major filter users.

✓ Applications of product

- Filtration of edible and petroleum oils
- Filtration of acid solution
- Paint coatings
- Food & Beverage



✓ Features & Benefits

- Graded density structure for maximum dirt holding capacity.
- Rated for temperatures up to 120 °C.
- Excellent chemical compatibility with petroleum oils & acid solution.
- High void volume, resulting in low differential pressure and excellent dirt holding capacity.
- No resins, binders or anti static agents to ensure minimal extractables.
- Formed by thermal bond without use of any binders and adhesives.
- In compliance with EU Directive 2002/72/EC for plastic in food contact.

✓ Operating Conditions

- Maximum operating forward pressure:
20 °C: 4.2 kg/cm²
- Maximum operating temperature: 120 °C

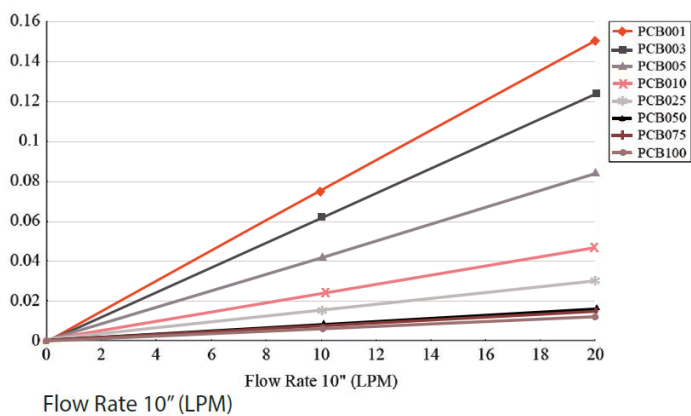




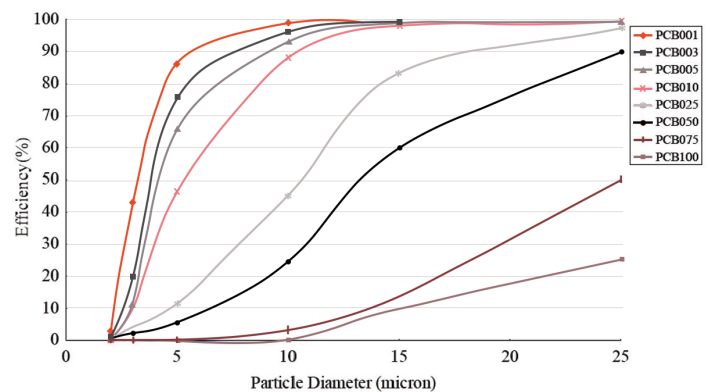
✓ Product specifications

- Micron ratings: Nominal 1, 3, 5, 10, 25, 50, 75, 100 micron
- Material of construction: Melt-blown micro-denier PBT fiber
- Core & End cap Material: PBT
- Length: 9.87", 10", 20", 30", 40" (251 mm, 254 mm, 508 mm, 762 mm, 1016 mm)
- Inner diameter: 28 mm
- Outer diameter: 63 mm

Initial Pressure Drop



Efficiency of Filtration



✓ Ordering Information

P	C	B	0987	005	E	O	P	G
Super-PBT	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 005 : 5 micron 075 : 75 micron 100 : 100 micron	O-Ring Material: E = EPDM N =BUNA N S = Silicone V = Viton T = PFA Encapsulado Viton A = PE (junta común)*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 = PBT	Surface: G = Groove

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