

Super-PBT(Polyester) 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.

► 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 the latest EC Directive for food contact.
- Certificated by FDA CFR Title 21.

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► Operation Conditions

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

► Applications of products

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

► Product specifications

Micron ratings: nominal 1, 3, 5, 10, 25, 50, 75, 100, 125, 150 micron

Material of Construction: Melt-blown micro-denier PBT fiber

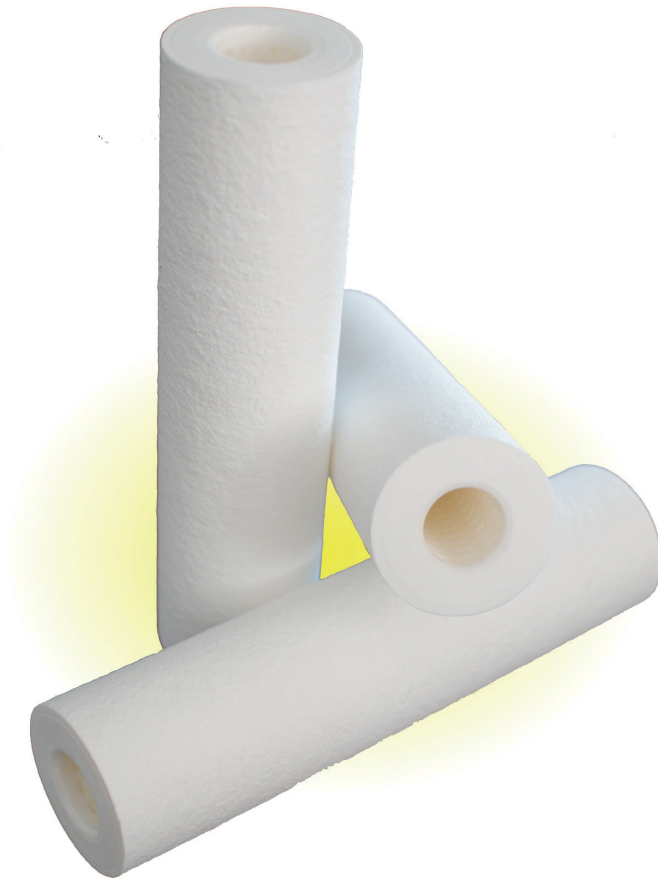
Core & End cap Material: PBT

Length: 9.87", 10", 20", 30", 40"

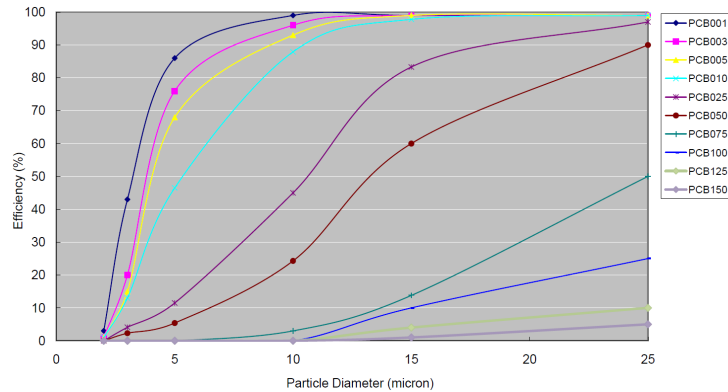
(251 mm,254 mm,508 mm,762 mm,1016 mm)

Inner Diameter: 28 mm

Outer Diameter: 63 mm



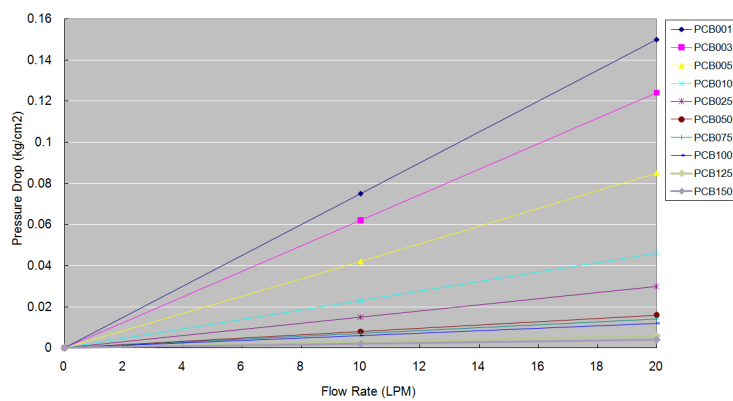
Efficiency of Filtration



Suggested equivalent products

- 3M Micro-klean
- Parker Fulflo® ProBond™
- Pall Hi-V

Initial Pressure Drop



Ordering Information

P	-	C	-	B	-	0987	-	005	-	E	-	0	-	P
Super - PBT		Inner Diameter = 28mm						Micron Ratings: 001 = 1 micron 003 = 3 micron 005 = 5 micron 010 = 10 micron 025 = 25 micron 050 = 50 micron 075 = 75 micron 100 = 100 micron 125 = 125 micron 150 = 150 micron				End cap: No symbol = Double Open F = Double Open & Cap 0 = 222 /Flat (SOE) 5 = 222 /Fin (SOE) 6 = 226 /Flat (SOE) 7 = 226 /Fin (SOE)		Inner Core: P = PBT core
		Outer Diameter = 63mm				Length: 0987 = 9.87" 1000 = 10" 2000 = 20" 3000 = 30" 4000 = 40"				O-ring Material B = TPEE(gasket only) E = EPDM N = Buna N S = Silicone V = Viton T = PFA encapsulate with Viton				