The Super-PET is the PET(Polyester) 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-PET 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 EU Directive 2002/72/EC for plastic in food contact.

Operation Conditions

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

Product specifications

Micron ratings: 1+, 1, 5, 10, 25, 50, 75, 100 micron
Material of Construction: Melt-blown micro-denier PET 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

Applications of products

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

Efficiency of Filtration

Initial Pressure Drop

Ordering Information

P  C  B  0987  005  E  0  P  G
Super-PET  Inner Diameter = 28mm
Outer Diameter = 63mm
Length: 0987 = 9.87" 1000 = 10" 2000 = 20" 3000 = 30" 4000 = 40"
Micron Ratings:
00A = 1 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
A = PE (gasket only)*1
B = EPDM
N = Buna N
S = Silicone
V = Viton
T = PFA encapsulate with Viton

Suggested equivalent products
- CUNO Micro-kleen
- Parker Fulflo® ProBond™

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