

# POLYESTER MELT-BLOWN DEPTH FILTER CARTRIDGE

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

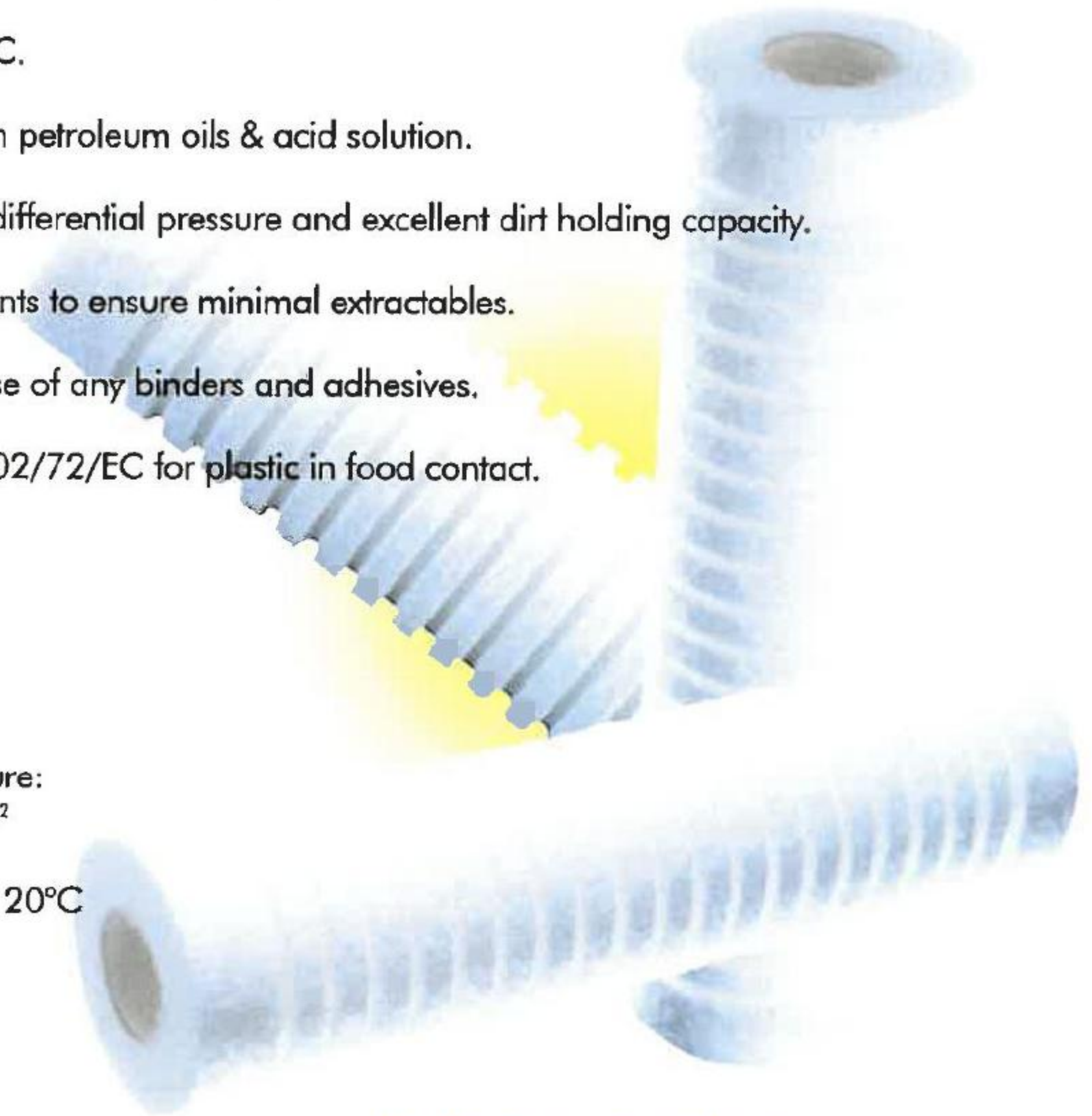
- Maximum operating forward pressure:  
20°C: 4.2kg/cm<sup>2</sup>
- Maximum operating temperature: 120°C

## 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

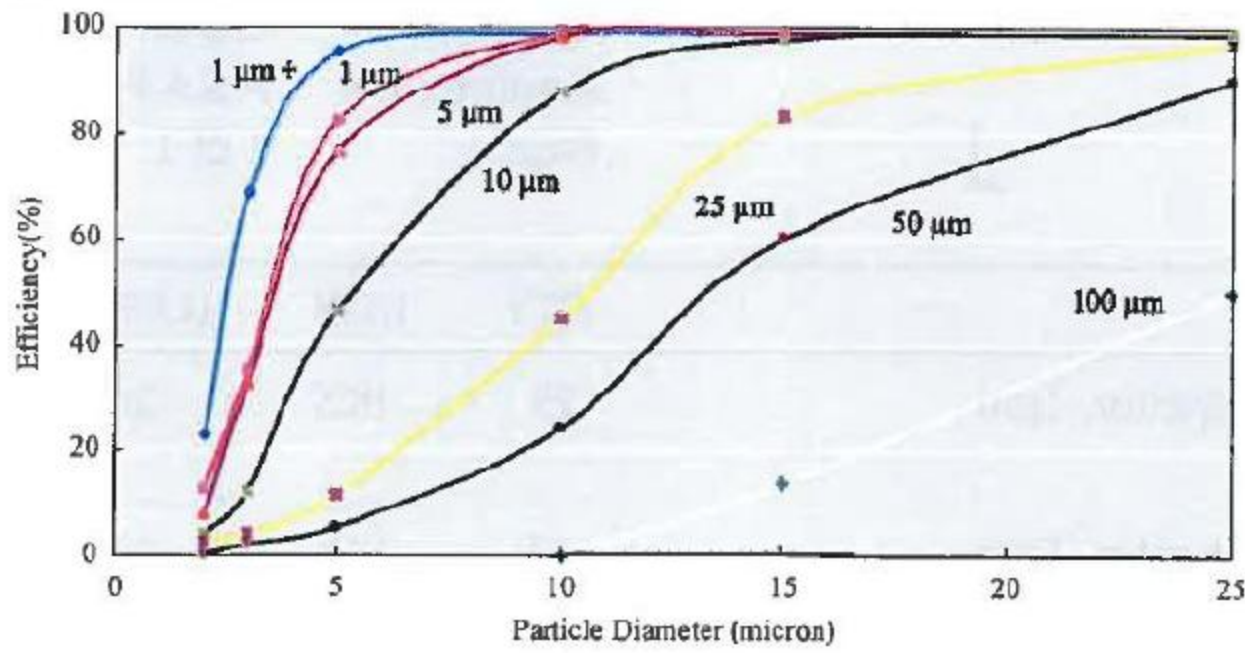
## Applications of products

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



# Super-PET Efficiency

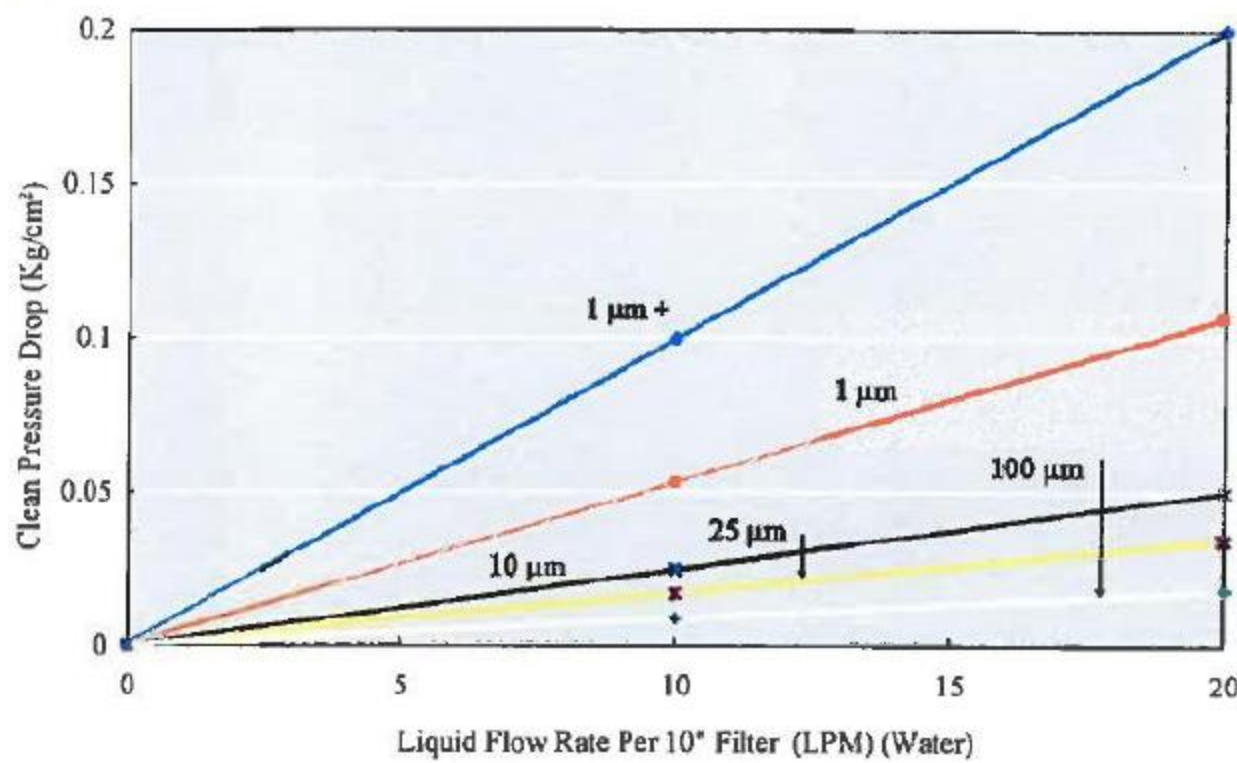
## Efficiency of Filtration



## Suggested equivalent products

- CUNO      Micro-klean
- Parker      Fulflo® ProBond™

## Initial Pressure Drop



## Ordering Information

**P - C - B - 0987 - 005 - E - 0 - P - G**

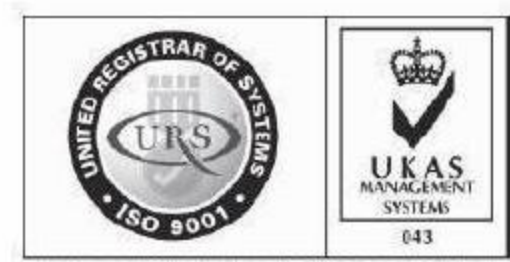
- P** - Super - PET
- C** - Inner Diameter = 28mm
- B** - Outer Diameter = 63mm
- 0987** - Length:
  - 0987 = 9.87"
  - 1000 = 10"
  - 2000 = 20"
  - 3000 = 30"
  - 4000 = 40"
- 005** - Micron Ratings:
  - 00A = 1+ micron
  - 001 = 1 micron
  - 003 = 3 micron
  - 005 = 5 micron
  - 010 = 10 micron
  - 025 = 25 micron
  - 050 = 50 micron
  - 075 = 75 micron
  - 100 = 100 micron
- E** - O-ring Material
  - A = PE (gasket only)\*1
  - E = EPDM
  - N = Buna N
  - S = Silicone
  - V = Viton
  - T = PFA encapsulate with Viton
- 0** - 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)
- P** - Inner Core: P = PBT core
- G** - Surface: G = Groove

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



### GFS Filtration Pte Ltd

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