

# NYLON DEPTH FILTER CARTRIDGE

The Super-Nylon melt blown depth filter cartridges are designed for those applications which polypropylene filters cannot be used. Super-Nylon filter cartridges are suitable for high temperature applications as well as applications involving solvents, hydrocarbons and aromatics. Other features include integral moulded centre core and a full range of thermal welded end caps to ensure maximum compatibility with existing installations.

## Features & Benefits

- Micro-denier melt-blown Nylon fiber, high removal ratings and low pressure drop.
- Range of filtration ratings from 1 to 100.
- Graded density structure for maximum dirt holding capacity
- Rated for temperature up to 120°C.
- Excellent chemical compatibility with solvents, hydrocarbons & aromatics.
- 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:  
(not including Nylon core)
- 1 ~ 25 micron 2.5 kg/cm<sup>2</sup>
- 50 ~ 100 micron 1.0 kg/cm<sup>2</sup>
- Maximum operating temperature: 120°C

## Product specifications

Micron ratings: 1, 5, 10, 25, 50, 75, 100 micron  
Material of construction: Melt-blown micro-denier Nylon fiber  
Core & Endcap Material: Nylon  
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

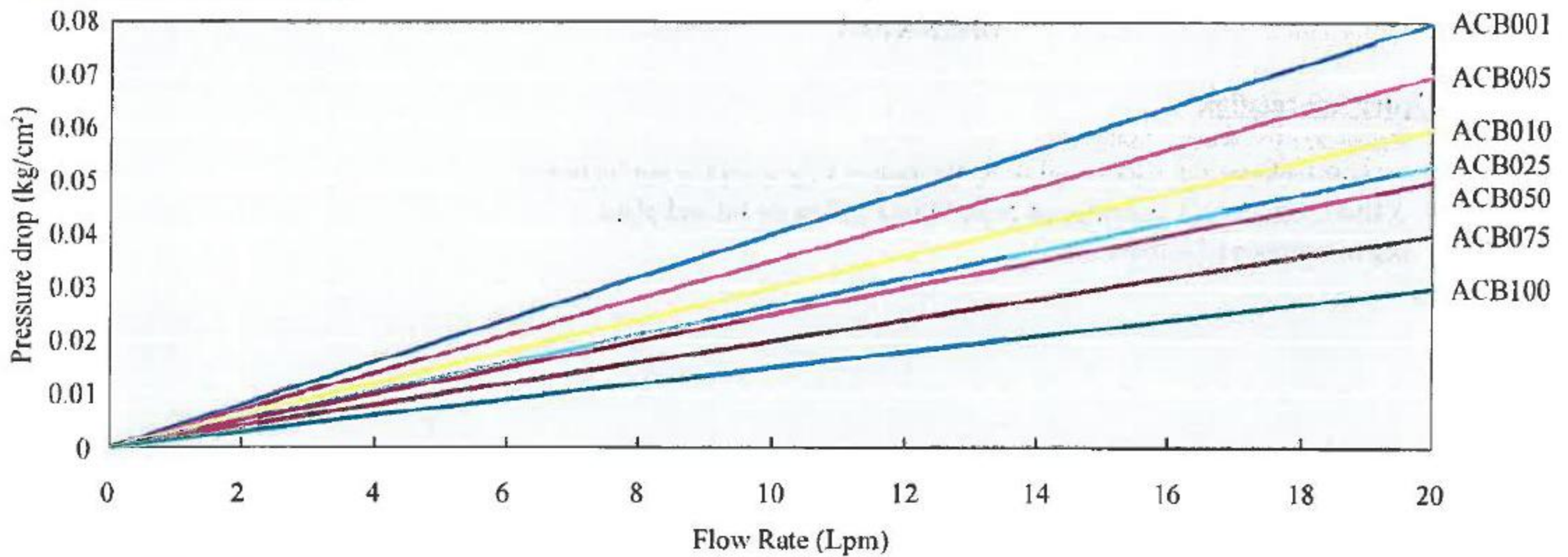
Super-Nylon depth filter cartridges are particularly suitable for the petrochemical and fine chemical industries, because of its high temperature rating compatibility of solvents and hydrocarbons which makes it ideally for many applications.



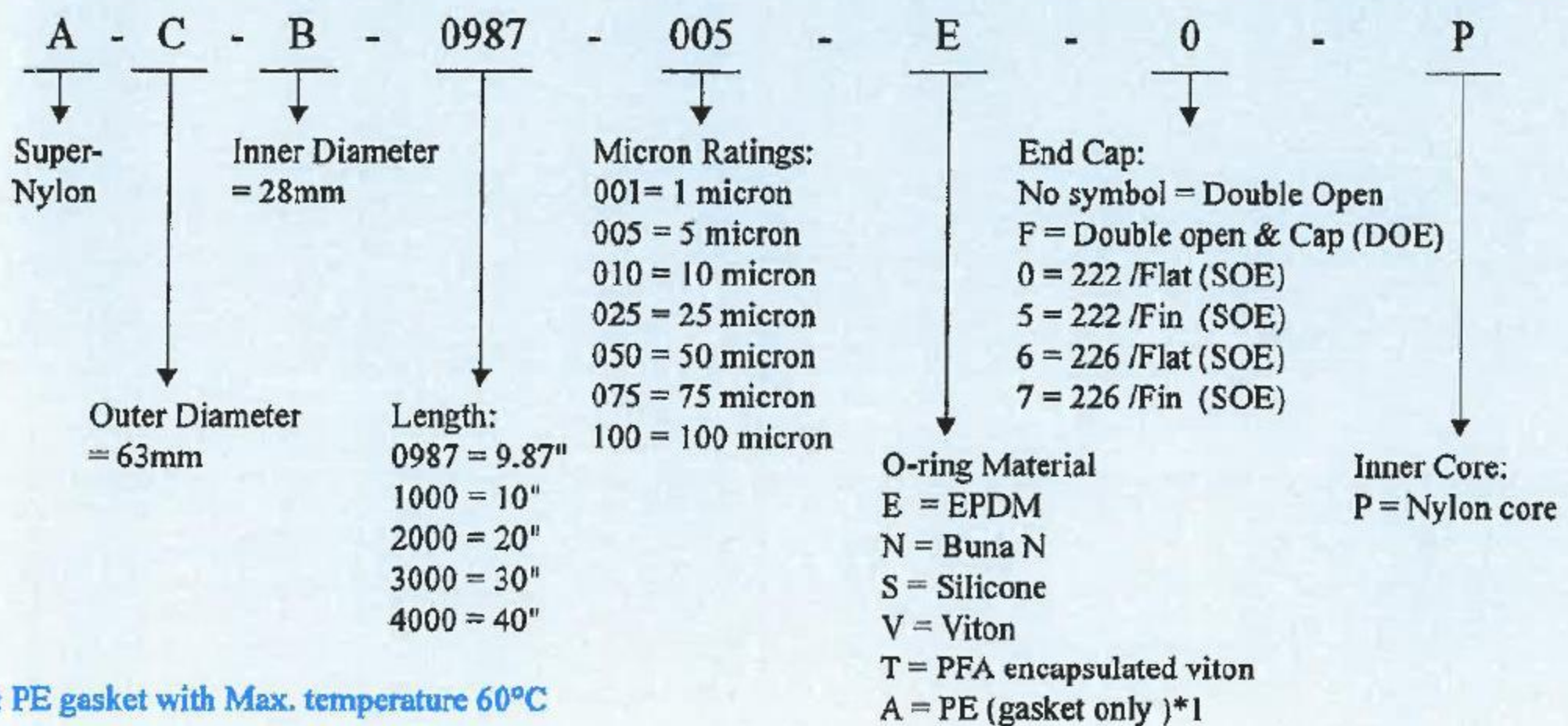
## Efficiency of Filtration

spec.	Initial Efficiency of Filtration	
ACB001	2 micron	> 90%
ACB005	5 micron	> 90%
ACB010	10 micron	> 90%
ACB025	25 micron	> 90%
ACB050	50 micron	> 90%
ACB075	75 micron	> 90%
ACB100	100 micron	> 90%

## Initial Pressure Drop



## Ordering Information



### GFS Filtration Pte Ltd

No.52, Ubi Ave 3, #05 - 36 Frontier, Singapore 408867.  
 Tel: +65-6846 4689 Fax: +65-6846 4875  
 Email: enquiry@gfsfilter.com Website: www.gfsfilter.com

