

# Super-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 150.
- 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 the latest EC Directive for food contact.
- Certificated by FDA CFR Title 21.

## ► Operating Conditions

- Maximum operating forward pressure:  
WITHOUT Nylon inner core  
20°C: 1 ~ 25 micron, 2.5 kg/cm<sup>2</sup>  
20°C: 50 ~ 100 micron, 1.0 kg/cm<sup>2</sup>

### WITH Nylon inner core

120°C: 0.5 kg/cm<sup>2</sup>  
80°C: 1.0 kg/cm<sup>2</sup>  
20°C: 4.0 kg/cm<sup>2</sup>

\* It may be changed for different liquid (solvent), or loading style.

- Recommended replacement pressure drop: 1.5 kg/cm<sup>2</sup>
- Maximum operating temperature: 120°C

## ► 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.



## ► Product specifications

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

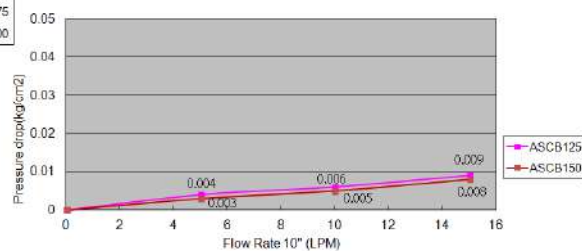
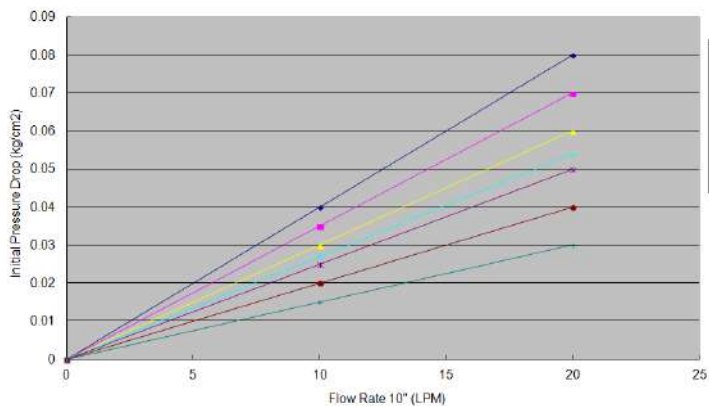
### Efficiency of Filtration

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%

### Suggested equivalent products

- Pall Nexis N
- Amazon filters SupaSpun NN

### Initial Pressure Drop



## Ordering Information

A	-	C	-	B	-	0987	-	005	-	E	-	0	-	P
↓		↓		↓		↓		↓		↓		↓		↓
		Outer Diameter = 63mm		Inner Diameter = 28mm		Length: 0987 = 9.87" 1000 = 10" 2000 = 20" 3000 = 30" 4000 = 40"		Micron Ratings: 001 = 1 micron 005 = 5 micron 010 = 10 micron 025 = 25 micron 050 = 50 micron 075 = 75 micron 100 = 100 micron 125 = 125 micron (ASCB) 150 = 150 micron (ASCB)		O-ring Material O = TPAAE(gasket only) E = EPDM N = Buna N S = Silicone V = Viton T = PFA encapsulated viton		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 = Nylon core P304 =stainless core

\* Available for 125 and 150 micron only