

Alpha-Pure Depth Filter Cartridge

The Alpha-Pure depth filter cartridge is using an exclusive process to create a rigid construction of filtering, each contact point of the fibers is thermally bonded to form a network structure that allows for longer service life and higher throughputs. Moreover, Alpha-Pure stands out for its ability of providing stable filtration of high viscous liquids and increases the contaminant holding capacity under low differential pressure without the structure deformation.

► Features & Benefits

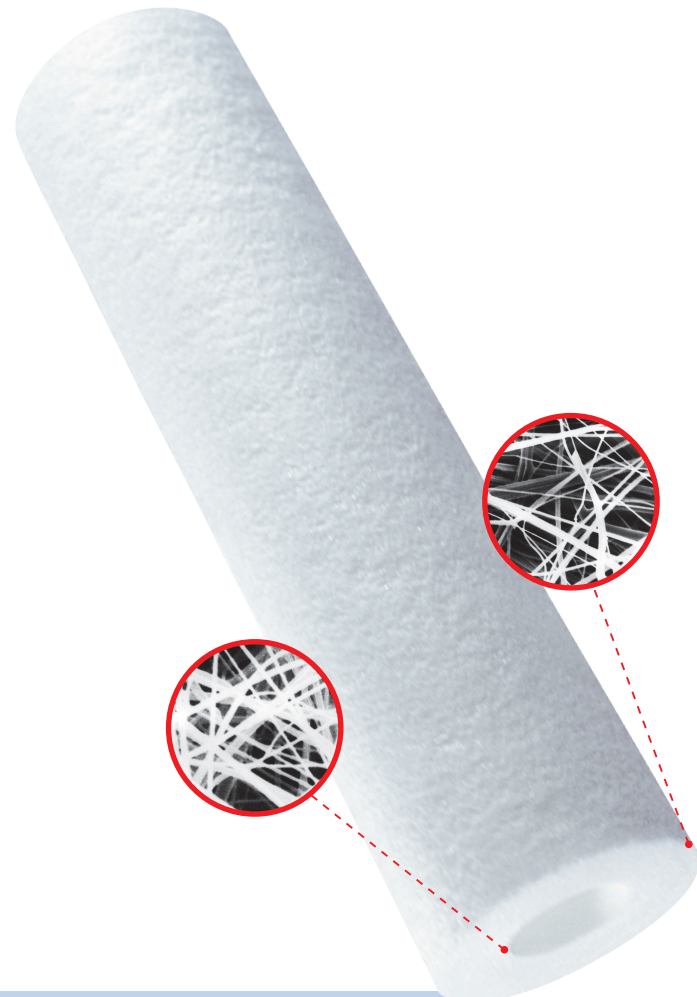
- Multi-layers structure cartridge, high contaminant holding capacity, long filter service life.
- 100% PP for compatibility with a wide range of process fluids
- Micro-denier fiber provide rigid construction and longer cartridge life-time.
- Formed by thermal bond without use of any binders and adhesives.
- Certificated by NSF42 and FDA CFR Title 21.
- In compliance with the latest EC Directive for food contact.

► Operation Conditions

- Maximum operating forward pressure:
20°C: 4.9kg/cm²
- Recommended replaceable pressure drop:
2.46kg/cm²
- Maximum operating temperature: 80°C

► Applications of products

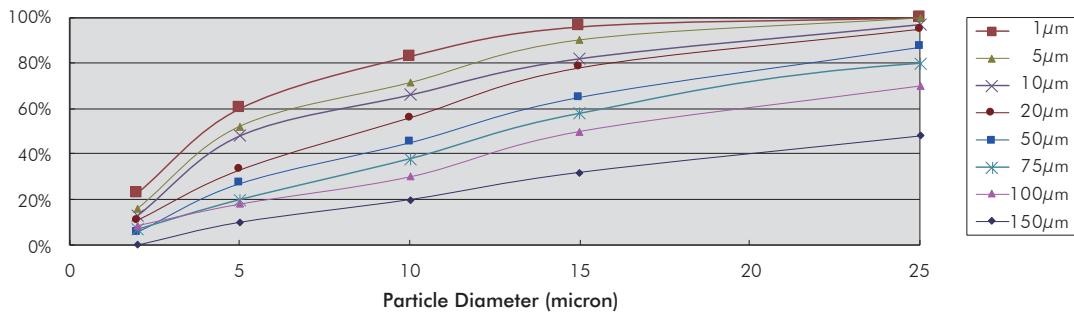
- High viscosity fluid.
- Painting.



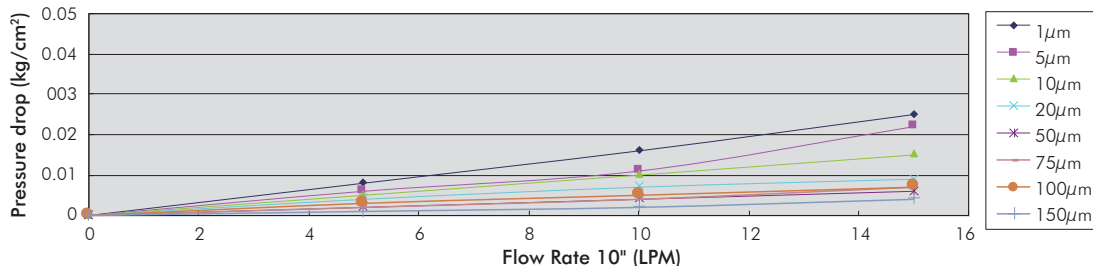
► Product specifications

Micron ratings: Nominal 1, 5, 10, 20, 50, 75, 100, 150 micron
Material of construction: 100% melt-blown micro-denier PP
Length: 9.87", 10", 20", 30", 40" (251 mm, 254 mm, 508 mm, 762 mm, 1016 mm)
Inner diameter: 28mm with PP inner core
Outer diameter: 65mm

Efficiency of Filtration



Initial Pressure Drop



Suggested equivalent products

- 3M Betapure™
- Daiwabo SEKISO-S
- JNC CP Filter

Ordering Information

R - M - B - 0987 - 005 - E - 0 - P

- R**: Alpha - Pure
- M**: Inner Diameter = 28mm
- B**: Outer Diameter = 65mm
- 0987**: Length: 0987 = 9.87", 1000 = 10", 2000 = 20", 3000 = 30", 4000 = 40"
- 005**: Micron Ratings: 001 = 1 micron, 005 = 5 micron, 010 = 10 micron, 020 = 20 micron, 050 = 50 micron, 075 = 75 micron, 100 = 100 micron, 150 = 150 micron
- E**: O-ring Material: E = EPDM, N = Buna N, S = Silicone, V = Viton, T = PFA encapsulated Viton, A = PE (gasket only)*1
- 0**: 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)
- P**: Inner Core: P = PP

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