

Absolute PP Depth Filter Cartridge

Features

- ◇ Absolute filtration efficiency
- ◇ Surface pore structure spreads water flow to reduce pressure drop
- ◇ Continuous gradient pore structure increases contaminant-holding capacity
- ◇ Fortified surface fiber prevents fiber loss
- ◇ High-strength durable resin
- ◇ Micro denier melt-blown filtration fiber with high removal efficiency
- ◇ 100% polypropylene for compatibility with a broad range of process fluids
- ◇ Formed by thermal bonding without the use of adhesives or binders
- ◇ Certified by NSF 42 and FDA CFR Title 21



Applications

- ◇ Water cooling system in semiconductor industry (PCW)
- ◇ CMP Slurries
- ◇ Medium & low viscosity chemical fluids
- ◇ Pre-filtering of DI water filtration
- ◇ Water for manufacturing processes and recycled water
- ◇ Paint in panel painting industry

Specifications

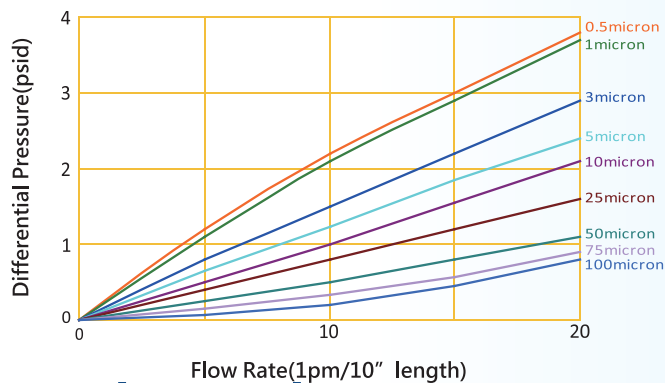
Material	100% melt-blown polypropylene
Micron rating (99.9%)	0.5, 1, 3, 5, 10, 25, 50, 75, 100 and Other Micron
Length	9.87", 10", 20", 30", 40" and Customized Length (mm)
ID / OD	28mm / 63mm (SP / SM Series); 28mm / 67mm (SP-E Series)

Operating Conditions

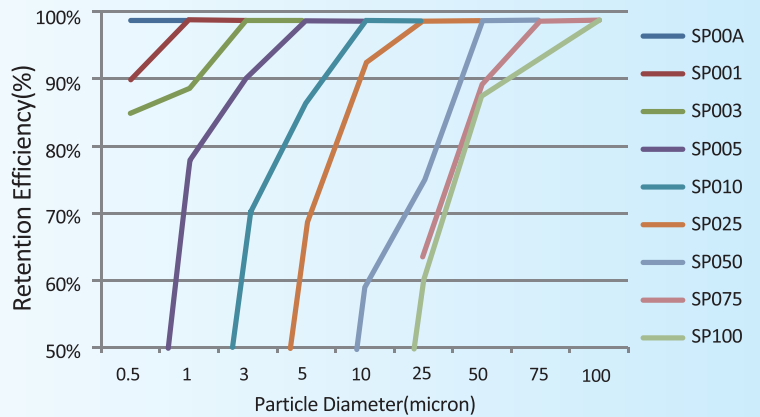
Max. operating forward pressure	80°C: 1.2kg/ cm ² ; 60°C: 2.1kg/ cm ² ; 20°C: 4.2 kg/ cm ²
Recommended replacement pressure drop	2.1kg/ cm ²
Max. operating temperature	80°C/176°F

Initial Pressure Drop

Flow vs. Differential Pressure



Containment Holding Capacity



Product Code

SP	001	E	5	3000	S
OD	Micron Rate	Gasket	Ending Cap	Length	Surface
Blank : 63mm -PPA : 63mm E- : 67mm	00A : 0.5 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 *Other micron	No Symbol : No Gasket A : EVA E : EPDM N : Buna N S : Silicone V : Viton T : Teflon Encapsulated Viton	No Symbol = DOE F : DOE 0 : 222 Flat 5 : 222 Fin 6 : 226 Flat 7 : 226 Fin	0987 : 9.87" 1000 : 10" 2000 : 20" 3000 : 30" 4000 : 40" *Customized Length (mm)	S : Smooth G : Grooved