

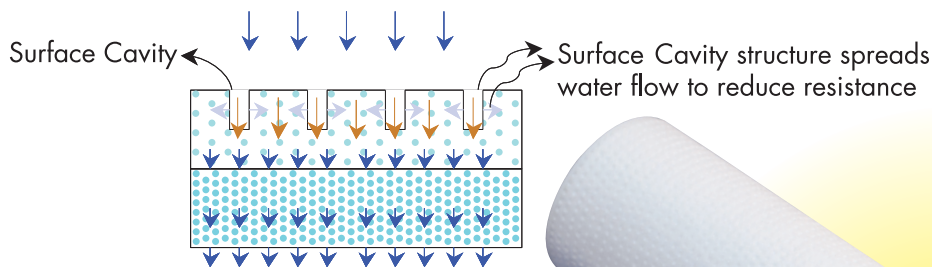
Super-Plus Depth Filter Cartridge with Surface Cavity

The Super-Plus depth filter cartridge was designed, to meet the market requirements for a pure polypropylene depth filter with exceptional dirt-holding capability and performance. The surface cavity structure provides a longer service life, low pressure drop and high efficiency which offers an exceptional value for industry applications.

► Features & Benefits

- 100% PP for compatibility with a wide range of process fluids.
- Micro - denier melt blown filtration fiber, high removal ratings.
- Absolute ratings from 1 to 100 micron.
- Surface pore structure spreads water flow to reduce pressure drop.
- Continuously gradient pore structure increases the capacity of dust.
- Surface fiber fortified to prevent fiber releasing.
- High strength and pressure resistance.
- 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.

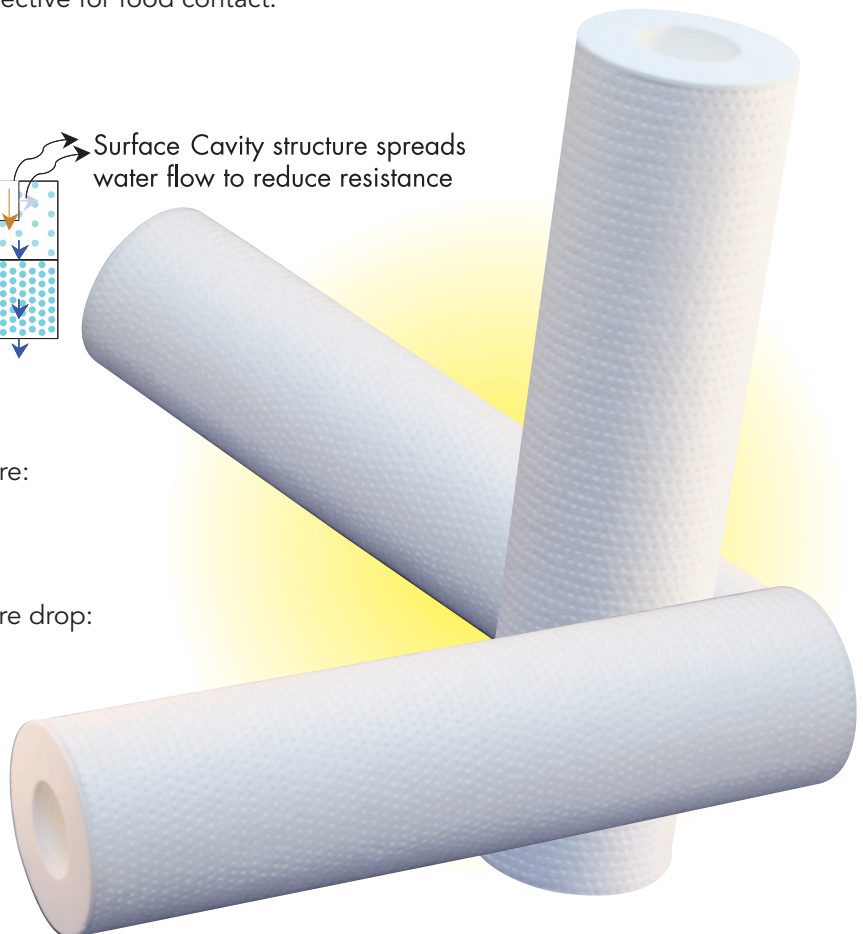
► Operation conditions



- Maximum operating forward pressure:
 - 80°C: 1.2 kg/cm²
 - 60°C: 2.1 kg/cm²
 - 20°C: 4.2 kg/cm²
- Recommended replacement pressure drop:
 - 2.1 kg/cm²
- Maximum operating temperature:
 - 80°C

► Product specifications

Micron Ratings: Absolute 1, 3, 5, 10, 25, 50, 75, 100 micron
Material of construction: 100% melt-blown micro-denier PP fiber
Length: 9.87", 10", 20", 30", 40" (251mm, 254mm, 508mm, 762mm, 1016mm)
Inner diameter: 28mm
Outer diameter: 63mm



Efficiency of Filtration

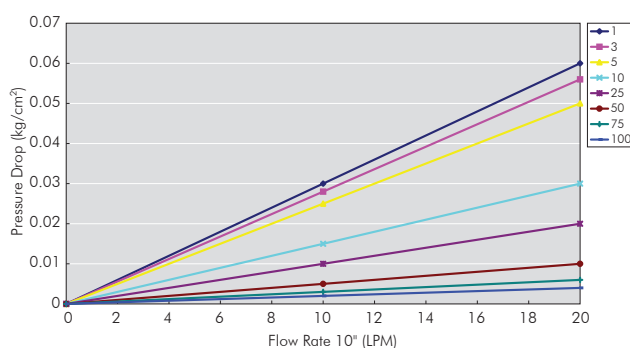
spec.	Retention Efficiency (%)							
	1µm	3µm	5µm	10µm	25µm	50µm	75µm	100µm
SP001	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
SP003	89.3	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
SP005	75.9	91.2	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
SP010	----	63.8	87.3	>99.9	>99.9	>99.9	>99.9	>99.9
SP025	----	----	69.9	92.8	>99.9	>99.9	>99.9	>99.9
SP050	----	----	----	58.1	74.9	>99.9	>99.9	>99.9
SP075	----	----	----	----	63.9	90.5	>99.9	>99.9
SP100	----	----	----	----	60.1	87.4	92.8	>99.9

Suggested equivalent products

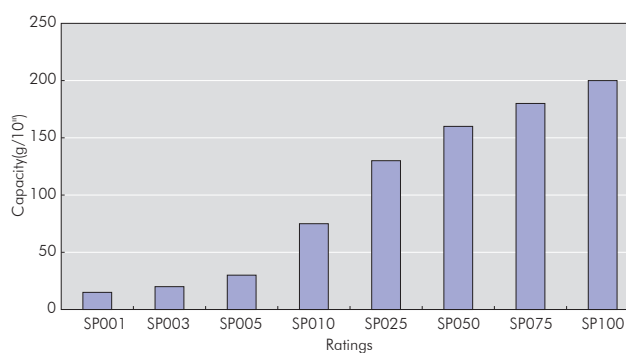
- Pall
 - Chisso
 - 3M
 - 3M
 - Pentair
 - Daiwabo
- Nexis
 - CP
 - Deltaklean
 - Betapure
 - Polydepth
 - SEKISO

* Multi-pass Test

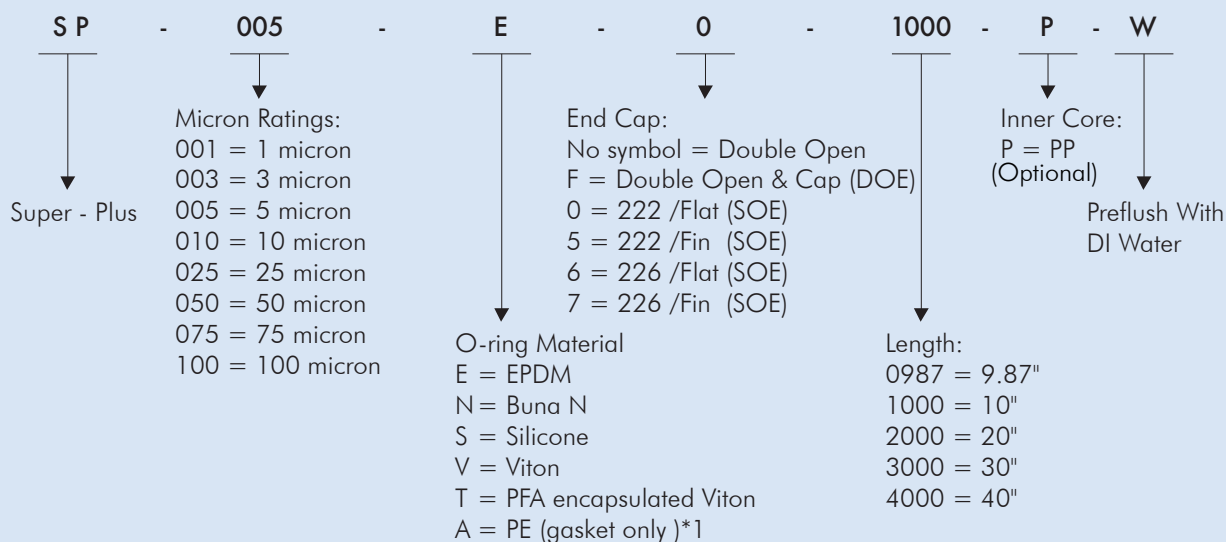
Initial Pressure Drop



Capacity of Dust



Ordering Information



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