

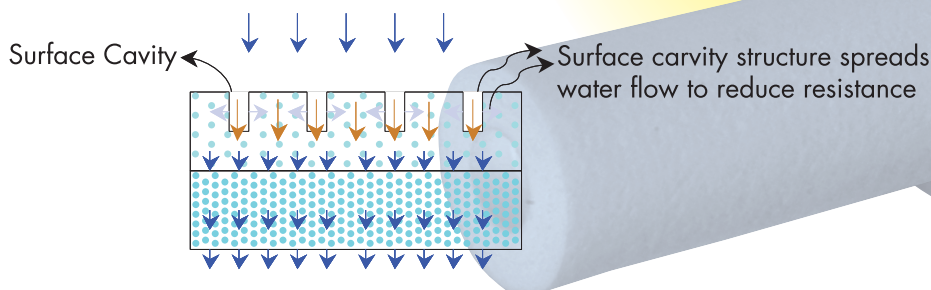
Product Lines

Super-Plus Depth Filter Cartridge With Surface Cavity

Filtteck has extended its patented melt-blown technology to meet the market requirements for a pure polypropylene depth filter with exceptional dirt-holding capability and performance. The structure of surface cavity, Super-plus, is an exceptional value for industry applications where long-life, low pressure drop, and high efficiency is required.

Features & Benefits

- 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.
- 100% PP for compatibility with a wide range of process fluids.
- Micro - denier melt blown filtration fiber, high removal ratings.
- Formed by thermal bond without use of any binders and adhesives.
- Certificated by NSF42 and FDA CFR Title 21.



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 replaceable pressure drop:
2.1 kg/cm²
- Maximum operating temperature: 80°C

Applications of product

- Filtration of cooling water system in semiconductor industry (PCW)
- Pre-filter of DI water filtration
- Filtration of medium & low viscosity fluids of chemical.
- Filtration of water for manufacturing processes and recycled water.
- Filtration of paint in panel painting industry
- Filtration of CMP Slurries

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: 10", 20", 30", 40"

Inner diameter: 28mm

Outer diameter: 63mm

Super-Plus Efficiency

Efficiency of Filtration

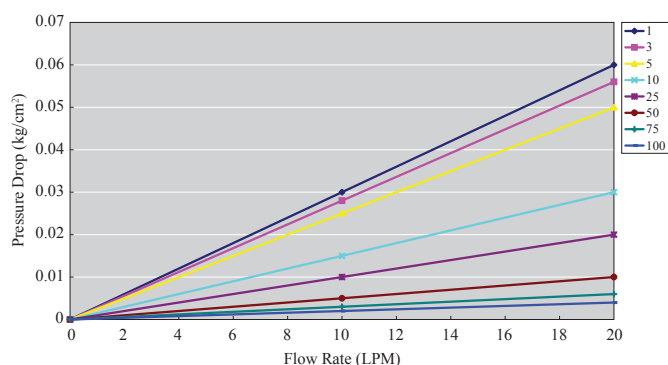
spec.	Retenion Efficiency (%)							
	1µm	3µm	5µm	10µm	25µm	50µm	75µm	100µm
SP001	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
SP003	89.3	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
SP005	75.9	91.2	>99.9	>99.9	>99.9	>99.9	>99.9	>99.9
SP010	—	63.8	87.3	>99.9	>99.9	>99.9	>99.9	>99.9
SP025	—	—	69.9	92.8	>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

*Multi-pass Test

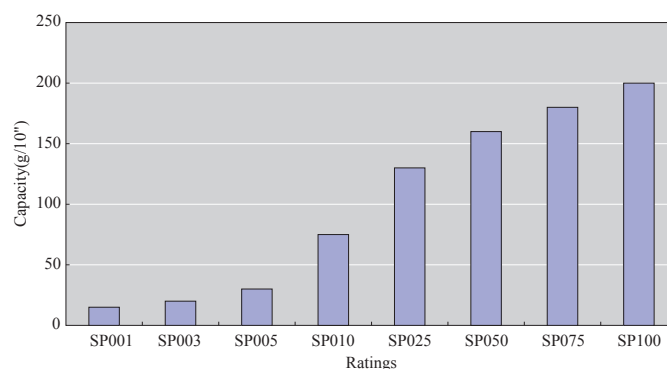
Suggested equivalent products

■ Filterite	Nexis
■ Chisso	CP
■ CUNO	Deltaklean
■ CUNO	Betapure
■ CUNO	Micro-Klean
■ US Filter	Polydepth
■ Daiwabo	SEKLSO

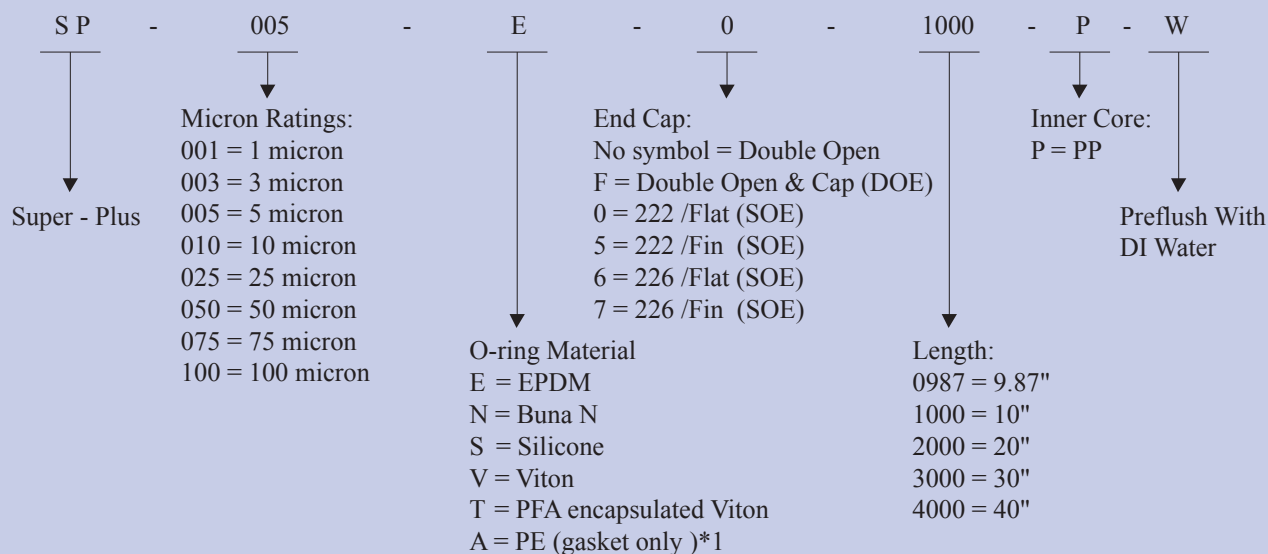
Initial Pressure Drop



Capacity of Dust



Ordering Information



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