

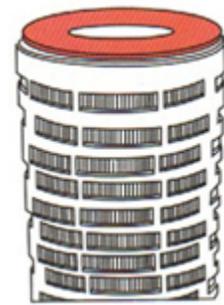
Saltreat® SPFF Series Polypropylene Pleated Cartridges

Cartridges constructed of melt-blown polypropylene micro-denier fiber media, Saltreat® SPFF series pleated filters combine exceptional solids holding capacities with more precise micron ratings than depth filters. With this unique fabric the retention can go down to **0.2 micron** (absolute). Three-layers fibers sheets of melt-blown media are pleated into larger filters area (0.6~0.7 m²), providing an absolute particle retention, high solid loading and long service life.



Features & Benefits

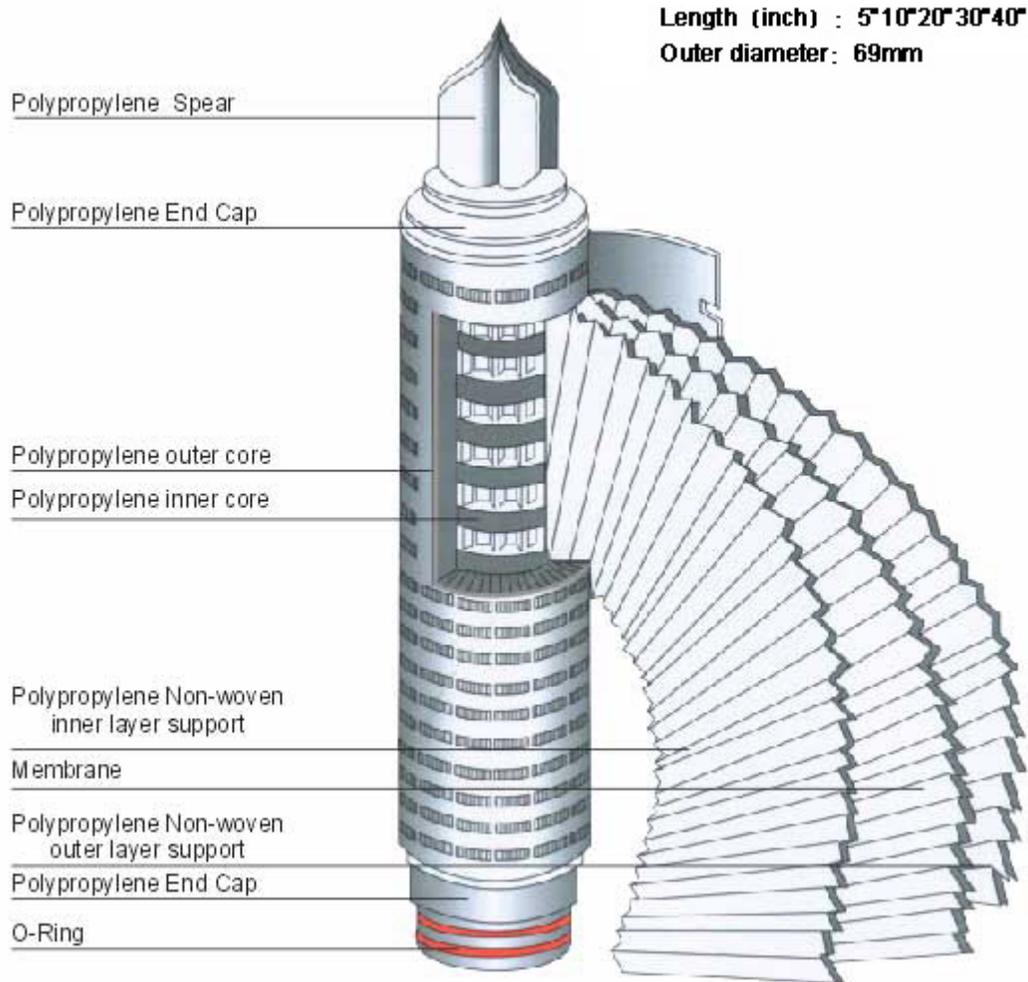
- ▶ Three-layers structure, absolute effective filters (absolute rating).
- ▶ Effective filtration area from 0.6~0.7 m² , long service life.
- ▶ Low pressure drop.
- ▶ High capacity of dust.
- ▶ 100% PP for chemical compatibility with a wide range of process fluids.
- ▶ Highly clean cartridge with sterilizing cabinet and steam.
- ▶ Pre-flush with 18 Megohm-cm DI water, TOC content is lower than 40ppb.
- ▶ End caps and inner outer core sealed by thermally bonded, free of binder.
- ▶ End configurations to fit all standard housings.



Double plate open
OD69mm ID 28mm

Applications

- ▶ Pre-filter of membrane cartridges.
- ▶ Filtration of cleaning process in CD-ROM, DVD-RO manufacture.
- ▶ Pre-filter of DI water filtration.
- ▶ Filtration of cooling water system (PCW).
- ▶ Beer or beverage or mineral water system.
- ▶ Filtration of medium, low viscosity fluids of chemical, Photographics chemical.



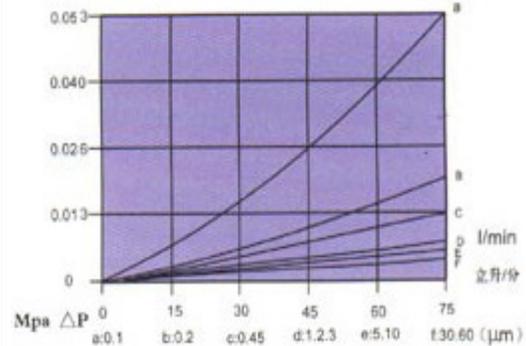
Specifications and construction

Retention rating (µm)	0.2 micron (absolute)
Length	10" & 20"
Effective filters area	0.60~0.70m ²
Inner Diameter	28mm
Outer Diameter	69mm
Media of membrane	100% melt-blown micro-denier polypropylene fiber
Inner & outer core	High strength polypropylene
Gasket cap material	Buan N, Silicone, Viton

Operation condition

Max. continuous pressure drop	ΔP 0.42Mpa at 25°C
Max. back pressure	0.28Mpa at 60°C
Max. operating temperature	~88°C, 0.28 Mpa
Max. sterilizing temperature	121°C in a short time of < 30min when using steam

Water Flow Rates (10" cartridge)



Ordering Information :

Model #	Size	Retention Rating (μm)	Qty Per Box
SPFF-PP-A02-10-A-S	2-1/2 " x 10 "	0.2	16
SPFF-PP-A02-20-A-S	2-1/2 " x 20"	0.2	16

WARNING: this very low micron rated cartridge should only be used after adequate pretreatment of the water (liquid). It should not be used with water that is dirty, microbiologically unsafe or of unknown quality .

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