



SS FILTERS PVT. LTD.

AN ISO 9001:2008 COMPANY

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Specification Sheet

POLYPROPYLENE PLEATED FILTER CARTRIDGE



Polypropylene pleated filter cartridges have been designed as an effective membrane prefilterers and as final polishing filters for many liquid processing applications. The cartridges are double layered filters. The graded porosity design removes particles in sequence such as larger particles by the more open outer layers and the smaller particles by the tighter inner layers. The outer layer acts as the prefilter while the inner layers provide the rating at the specified pore size. This efficiently spreads the contaminants throughout the media matrix resulting in superior contaminant holding capacity, lifetime & pressure drop as compared to other media cartridges.

FEATURES & BENEFITS:

- Very good for pre filtration & Clarification of fluids
- Graded porosity polypropylene Media.
- 100% PP construction, wide chemical compatibility.
- Consistent & good flow rates.
- Biologically safe
- No fiber migration
- FDA approved
- Thermally welded construction
- End connections to fit all standard housings

PRODUCT SPECIFICATIONS

Micron Rating	0.2 ,0.45 ,1, 5, 10, 20μ
Length	5" , 10" , 20" , 30" , 40"
Inner Dia	Approx. 28mm
Outer Dia	Approx. 65 - 69mm
Effective surface area per 10" element	7.5 sq. feet (0.65 msq.)
Max operating temperature	80°C (176° F)
Sterilization	
Autoclave	121°C, 30 min, 10 times
Hot water	80°C, 30 min, 30 times
Max differential pressure	5.5 bar (80 psi)@ 21°C

CONSTRUCTION:

- Filter media: 100% Polypropylene fiber
- Support media: Polypropylene fiber
- MOC: Polypropylene
- 'O' Ring/ Gaskets: Silicone/ EPDM/ Viton

CONFIGURATION:

- Double open end type (DOE Type)
- Code 7 (226 'O' Ring design/ Bayonet or fin)
- Code 3S (222 'O' Ring design/ Bayonet or fin)

APPLICATIONS:

Food & beverage: Bottled water, beers, wines, flavours, polishing lines, clarification

Pharmaceutical: Membrane pre-filtration, ophthalmics, oral medications, serum

Fine chemicals: Polymers, photoresists, acids, bases, solvents

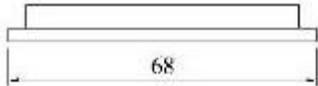
Electronics: High purity water, photo resists, acids, etch solutions

Cosmetics: Alcohol, creams, lotions, essential oils, mouthwashes

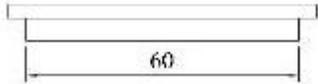
Metal finishing: Plating solutions, wash solutions, paints, resins, varnishes

Water treatment: Potable water, resin trap, pre/ post UV, membrane protection

CONFIGURATIONS

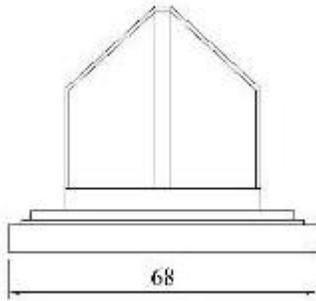


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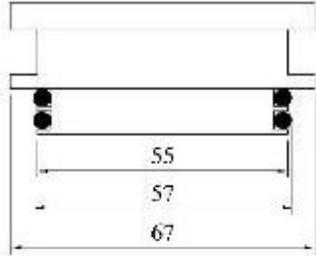


BOTTOM

BOTH SIDES OPEN
WITH GASKETS



TOP



BOTTOM

226 'O' RING
WITH BAYONET DESIGN

