



Specification Sheet

FLOWFILT POLYPROPYLENE PLEATED FILTER CARTRIDGE



FlowFilt Polypropylene pleated filter cartridges have been designed as an effective membrane pre-filters 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, 20 μ
Length	5", 10" , 20" , 30" , 40"
Inner Dia	Approx. 28mm
Outer Dia	Approx. 65 - 69mm
Effective surface area per 10"	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, flavors, polishing lines, clarification

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

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

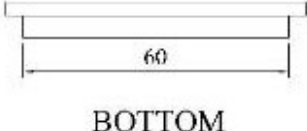
Electronics: High purity water, photo resists, acids, etch

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

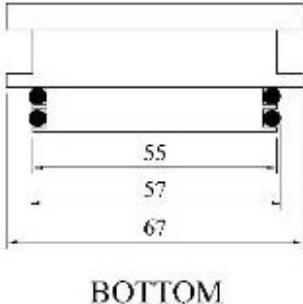
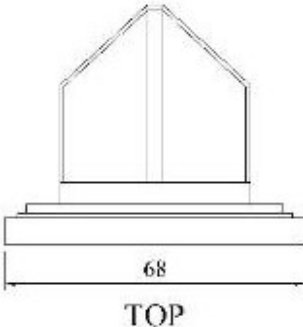
Metal finishing: Plating solutions, wash solutions, paints, resins, varnishes

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

Configurations



BOTH SIDES OPEN
WITH GASKETS



226 'O' RING
WITH BAYONET DESIGN