



## Polypropoylene Pleated Filter Cartridge

Designer-Manufacturer-Exporter-Supplier





### Polypropylene Pleated Filter Cartridge

Polypropylene filter cartridges are precisely manufactured for use in critical filtration applications within food, pharmaceuticals, biotech, dairy, beverages, brewing, semiconductor, water treatment & other demanding process industries.

Polypropylene pleated cartridges use the very latest gradient density micro fiber media technology to provide a combination of excellent micron ratings, high flow rates and high contaminant holding capacities. A special combination of polypropylene media with variation in the fiber diameter creates a gradient density matrix, ranging from open on the outside to finer on the inside, thereby providing a filter with in filter, which considerably increases contamination holding capacity & throughputs.

All components used in the manufacturing process are biologically safe, chemically inert and meet FDA and other international quality requirements. Polypropylene offers an extremely broad chemical compatibility making it suitable for many applications.

## Features & Benefits

- All polypropylene construction
- Absolute & nominal efficiency
- 0.1 to 40 Micron ratings
- Gradient density micron fiber media
- High surface area more than 0.5 m<sup>2</sup> per 10" filter
- Robust outer cage
- Biologically safe
- Wide chemical compatibility
- No fiber migration
- Thermally welded construction
- FDA approved filters
- End connections to fit all standard housings

## Technical Specifications

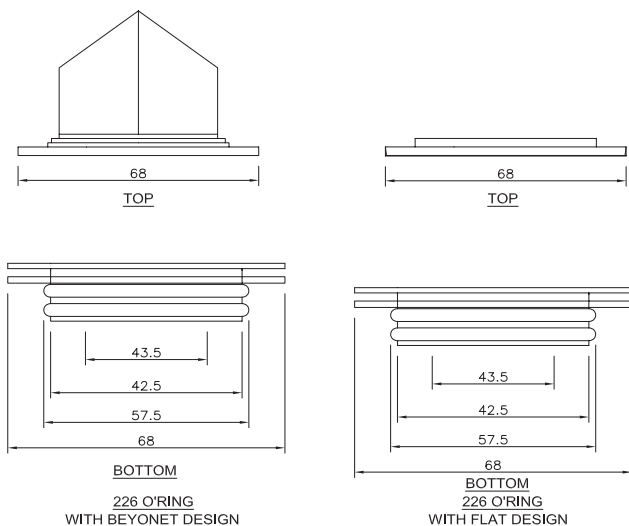
- Sizes : 10", 20", 30", 40" Long
- Micron Rating : 0.1, 0.2, 0.45, 1, 5, 10, 20 Micron
- Outer Diameter : 69 mm
- Inner Diameter : 28 mm

### Configuration

- Double Open Type (DOE Type)
- Code 7S (226 O' Ring Design / Bayonet)
- Code 7F (226 O' Ring Design / Flat)
- Code 3S (222 O' Ring Design / Bayonet)
- Code 3F (222 O' Ring Design / Flat)

### Construction

- Filter Media : 100% Melt blown micro denier polypropylene fiber
- Support Media: Polypropylene fiber
- Inner Core : High strength polypropylene
- Outer Core : High strength polypropylene
- End Caps : High strength polypropylene
- O Ring / Gaskets: EPDM / Buna N / Silicone / Viton



## Applications

### Fine Chemicals and Pharmaceuticals

- D.I. Water
- R.O.Pre filtration
- Biological Fluids
- Oral Drugs
- Ophthalmic Liquids

### Photographic Film & Paper

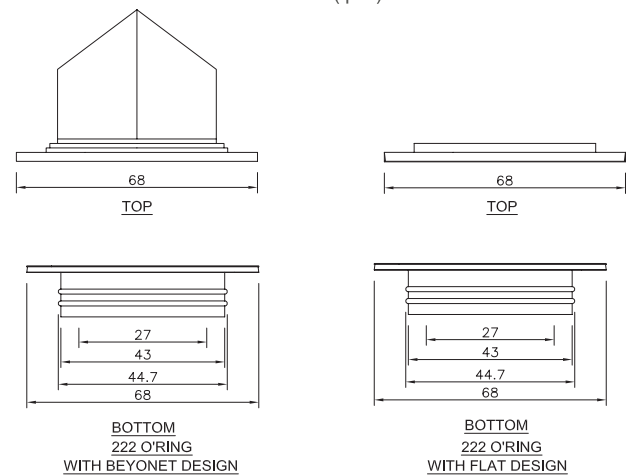
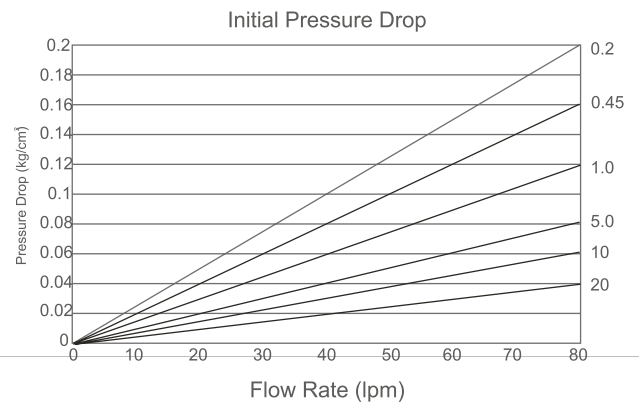
- Anti-Halation Coatings
- Developer Chemicals
- Emulsions
- Gelatins

### Beverages

- Wine
- Alcohols
- Fruit Juice
- Beer

### Electronic and Semi-Conductor

- De-ionized Water Prefiltration
- Magnetic tapes
- Premix Resins
- Tape Coatings
- Photoresists
- Metal Oxide Dispersions
- Solvents





Designed By: e-brandstudio.com

## Filter Concept Pvt. Ltd.

(An ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 Certified Company)

### Corporate Office

302, "Aalin", Opp.Gujarat Vidhyapith,  
B/h. Jet Airways Office, Ashram Road, Ahmedabad - 14.  
Gujarat, INDIA.

Phone : +91-79-2754 1602, 2754 0069, 3291 8518

Fax : +91-79-2754 0801

E-mail : info@filter-concept.com

### Manufacturing Unit

A-6, Pushparaj Industrial Estate,  
Nutan Mill Compound, B/h. City-Gold Theatre, Saraspur,  
Ahmedabad-380018. Gujarat, INDIA.

Phone : +91 -79 -2220 1921, 2220 1292

Fax : +91-79-2220 1911

E-mail : factory@filter-concept.com