

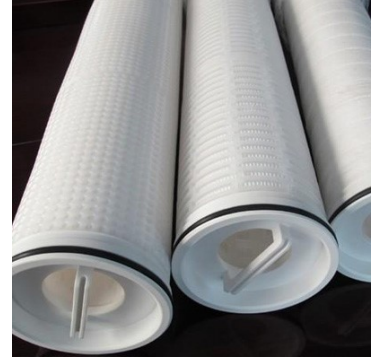
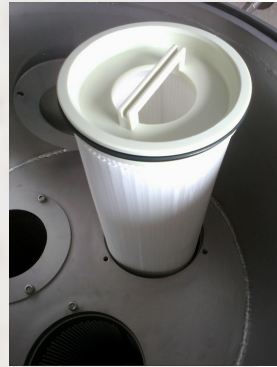
# OPTIHIGH

## HIGH FLOW FILTER CARTRIDGE

### POLYPROPYLENE or GLASS FIBER

This pleated cartridge offers maximum efficiency and exceptionally high flow capabilities.

The all polypropylene construction maximizes the effective filtration area and ensures a broad range of chemical compatibility.



#### FEATURES AND BENEFITS

- Low pressure loss and high dirt holding capacity
- Consistent reliable performance
- Pleated surface provides high flow rates and extended service life
- Available in micron ratings from 1µm to 100µm
- Wide range of end caps to provide retrofitting of existing systems
- Excellent chemical compatibility
- The normal size for high flow filters is 20", 40" or 60", but special specifications can be customized
- Applications:
  - Paints and coatings
  - Microelectronic, film and resin
  - Water filtration in power generation
  - Solvents, API and water filtration in Bio field
  - Pre-filtration of RO and sea water desalination
  - Bottler water, high fructose, edible oil, soft drink and milk

#### TECHNICAL SPECIFICATIONS

##### CARTRIDGE DIMENSIONES

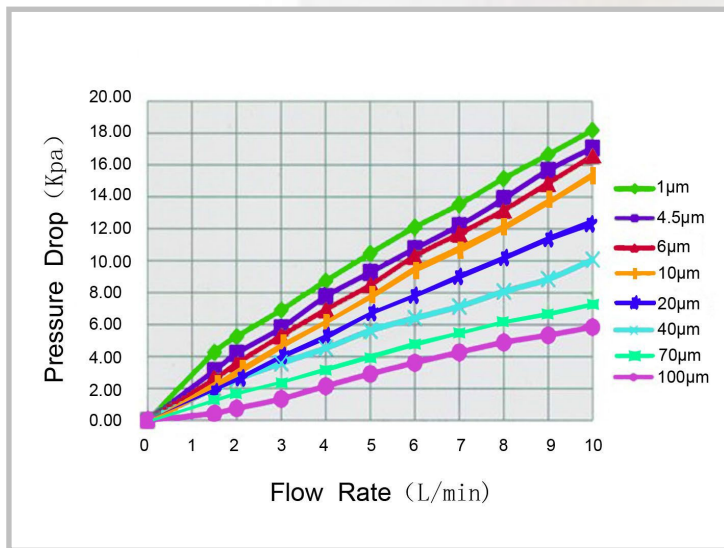
- Outer diameter: 152mm / 6"
- Length: 20" - 508mm    40" - 1016mm    60" - 1524mm

##### MATERIALS OF CONSTRUCTION

- Filter media: Melt blown polypropylene, pleated polypropylene or pleated glass fiber
- Support layers: Polypropylene
- Inner core: Polypropylene
- Outer support: Polypropylene
- End caps: Glass fiber reinforced polypropylene
- Standard O' ring/gaskets: EPDM, NBR

### OPERATING CONDITIONS

|  |                     |                            |
|--|---------------------|----------------------------|
| Maximum Operating Temperature                | Melt blown PP       | 65°C / 149°F               |
|  | Pleated depth PP    | 82°C / 179.6°F             |
|  | Pleated Glass Fiber | 121°F / 249.8°F            |
| Maximum Differential Pressure                | Melt blown PP       | 1.03 Bar at 65°C / 149°F   |
|  | Pleated depth PP    | 3.4 Bar at 82°C / 179.6°F  |
|  | Pleated Glass Fiber | 3.4 Bar at 121°C / 249.8°F |
| Suggested Maximum Flow of Water              | 20.69" length       | 660 LPM                    |
|  | 40.69" length       | 1.300 LPM                  |
|  | 60.69" length       | 1.900 LPM                  |
| Recommended change out Differential Pressure | 2.4 Bar at 20°C     |                            |



### ORDERING INFORMATION

