

High Flow Series Liquid Cartridge Filter

Filter Data Sheet

Filtersource introduces the high flow series liquid cartridge filter. These high flow filter cartridges can handle higher flows with fewer filter cartridges. This results in much faster and easier change outs, a removal efficiency of 99% and it is available in filtration range from 1 to 40 micron.

Features-Benefits

- 6" diameter for high flow rates
- Absolute efficiency rating from 1-40 micron
- Multi-layer pleated construction for optimized surface area
- Capable up to 500 GPM for a single 60" cartridge
- Inside-out flow to retain contaminant
- Unique gasket to provide maximum seal
- Thermally bonded construction
- Retrofits competitive high flow housings
- All materials comply with FDA title 21 of the Code of Federal Regulations Sections 177.1520, as applicable for food and beverage contact.

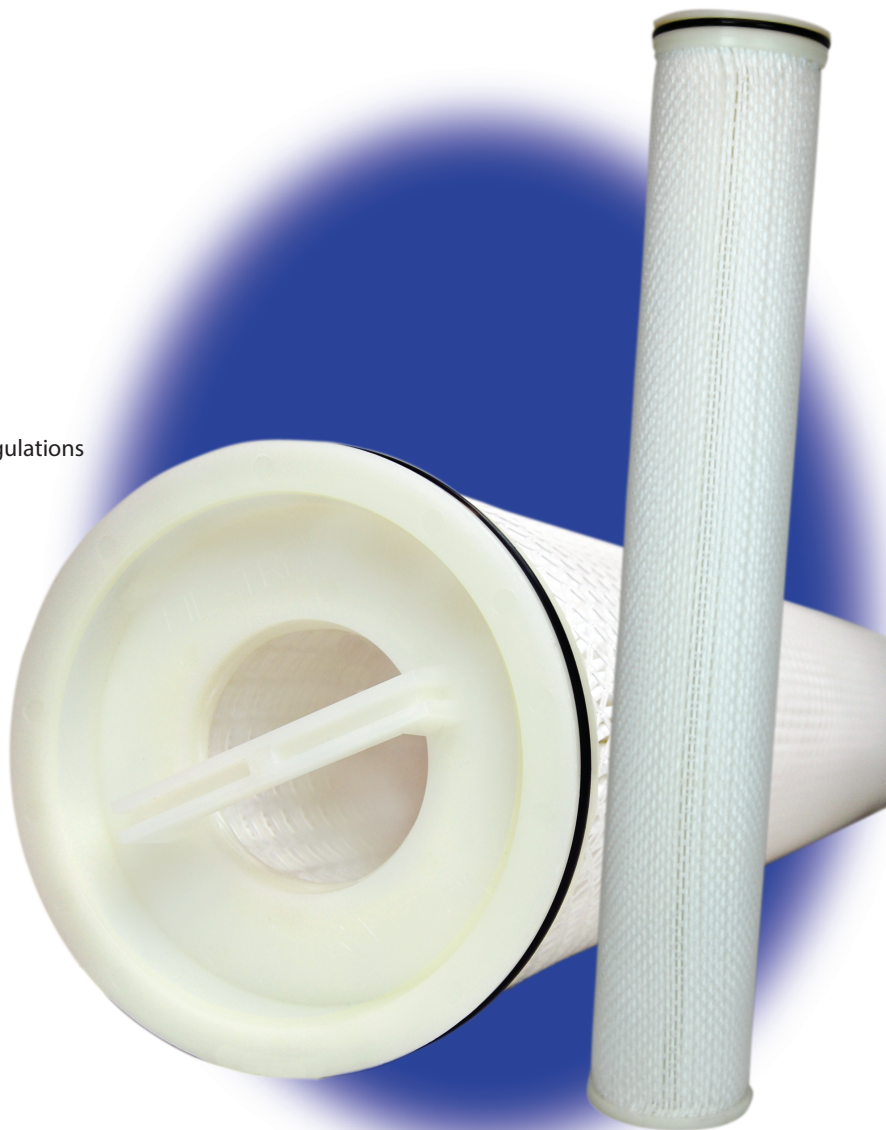
Specifications

Dimensions

- Lengths 20", 40", 60"
- Outside diameter 6"
- Surface area: 24 Sq. ft. per 20"
49 Sq. ft. per 40"
73 Sq. ft. per 60"

Operations Parameters

- Maximum operating temperature - 180F
- Recommended change out differential pressure - 35 PSID
- Maximum Flow Rate: 500GPM per 60"
350GPM per 40"
175GPM per 20"



Removal Efficiency

| Micron Rating Beta Ratio | 99.9% Beta 1000 | 99% Beta 100 | 90% Beta 10 |
|-----------------------------|--------------------|-----------------|----------------|
| 1 Micron | 1 | 0.6 | 0.2 |
| 3 Micron | 3 | 2 | 1.5 |
| 5 Micron | 5 | 4 | 3 |
| 10 Micron | 10 | 8.5 | 6.5 |
| 22 Micron | 22 | 19 | 14 |
| 38 Micron | 38 | 18 | 15 |

Ordering Information

| PPHF | Micron | Length | O-Ring |
|------|--------|--------|-------------|
| | 1 | 20 | B - Buna |
| | 3 | 40 | E - EPDM |
| | 5 | 60 | V - Viton |
| | 10 | | S - Silicon |
| | 20 | | |
| | 40 | | |