# MyraFine

## Descriptions

MyraFine High Efficiency Pleated Filter is pleated polypropylene filter cartridges with higher retention rate. It is constructed of 100% polypropylene material and designed with multi-layer matrix which provides better efficiency while maintaining superior flow rate. The filter media and its support structure are fully thermal welded. This provides an integral filter cartridge with minimum extractable in wide range of fluids and applications.

## Product Features & Benefits

- Non fiber releasing media and support which reduce risk of fiber release
- Excellent chemical compatibility
- Full range of removal ratings
- Excellent dirt holding capacity
- Filter Cartridge are manufactured in a clean room environment
- FDA compliance material
- All components material meets the specifications for biological safety per USP Class VI-121C for plastics

## Typical Applications

PLEATED FILTER SERIES
MRF

# Technical Data

## Product Specifications

Filter Media

**Polypropylene (PP)**

Support / Drainage

**Polypropylene,**
**High Purity Polypropylene (HPPP)**

Cage / Core / End Cap

**Polypropylene,**
**High Purity Polypropylene (HPPP)**

Gasket / O-Ring

**Silicone, EPDM, Buna, Viton, Teflon Encapsulated Viton**

Removal Rating

**0.1µm, 0.2µm, 0.45µm, 1µm, 3µm, 5µm, 10µm, 20µm, 50µm** *other microns rated available upon request

## Size

Length

**10'', 20'', 30'', 40''**

Outer Diameter

**69mm**

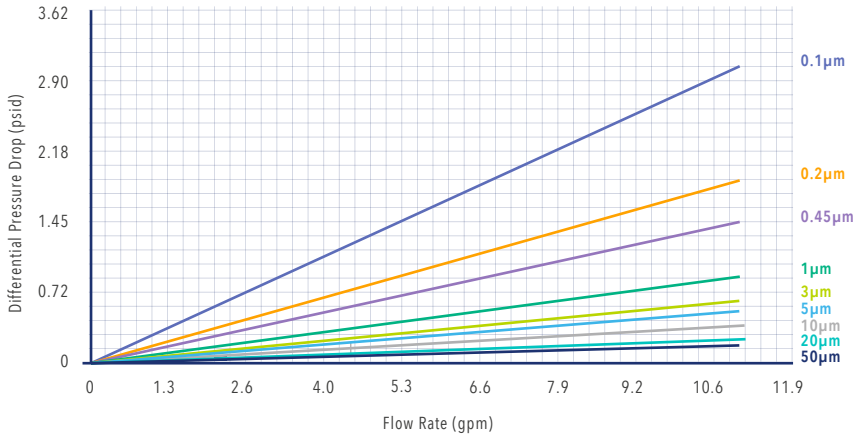
## Operating Conditions

Max. Operating Temperature

**80°C**

Max. Operating Differential Pressure

**4 Bar @ 21°C;**
**2.4 Bar @ 80°C**




# Ordering Information

| MRF- | S | 1- | 10 | P3 | E- | F |
|---|---|---|---|---|---|---|
| Model | Grade | Micron Rating | Length | End Cap Configuration | Gastkets / O-Rings | Options |
| MRF: MyraFine | S: Standard<br>P: Plus<br>D: HPPP Hardware | 0.1 : 0.1 µm<br>0.2 : 0.2 µm<br>0.45 : 0.45 µm<br>1 : 1 µm<br>3 : 3 µm<br>5 : 5 µm<br>10 : 10 µm<br>20 : 20 µm<br>50 : 50 µm | 10 : 10″<br>20 : 20″<br>30 : 30″<br>40 : 40″ | P : DOE<br>P2 : SOE/226/Flat<br>P3 : SOE/222/Flat<br>P7 : SOE/226/Fin<br>P8 : SOE/222/Fin | V : Viton<br>S : Silicone<br>E : EPDM<br>B : NBR/Buna<br>T : Teflon Encapsulated Viton* [1] | F: Pre-Flushed with DIW<br>No Symbol: None |

E.g: MRF-S1-10P3E-A

*[1] Applicable for O-Ring only

**Product customization please refer to sales representatives*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