



Marksman MPH Series Filter Cartridge

Features:

- ◇ High surface area, high flow capacity.
- ◇ Inside to outside flow configuration all contaminants held within the single ended filter.
- ◇ Shorter in down time easy to change out.
- ◇ Available to fit most Size 1 and Size 2 bag housing with no hardware changes.
- ◇ All Polypropylene construction provides wide chemical compatibility.
- ◇ Cartridges are free of surfactants, resins, binder and adhesive.

Specifications:

Micro Rating: Absolute rating:

1, 5, 10, 25, 50, 75 μ m

Materials Of Construction:

Filter Media:

Pleated Polypropylene depth structure

Support and Drainage : Polypropylene

Inner core/ End Caps : Polypropylene

Outer Diameter: 152.4 mm (6 inches)

Outer Flange Diameter : 184 mm (7 1/4") , equal to Size 1/Size 2 Bags

Length: Standard Size 1 , Standard Size 2

Operating Condition:

Maximum operating forward pressure drop:

5.1bar (75 psi) at 25°C

Maximum operating temperature:

80°C



Application:

- ◇ Amines ◦
- ◇ Acids and bases ◦
- ◇ Beer and wine ◦
- ◇ Carbon beds ◦
- ◇ Completion fluids ◦
- ◇ Deep wells ◦
- ◇ Desalination ◦
- ◇ DI resins ◦
- ◇ Edible oils ◦
- ◇ EDM fluids ◦
- ◇ Fructose ◦
- ◇ Glycol ◦
- ◇ Groundwater clean-up ◦
- ◇ Machine coolants ◦
- ◇ Wastewater ◦



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Retention Rate & Pressure Drop:

| Cartridge Grade | Removal Rating (µm) | | Pressure Drop | | | |
|-----------------|---------------------|--------|---------------|---------|--------------|---------|
| | 90% | 99.98% | Size 1 | | Size 2 | |
| | | | Mbar/LP M | psi/GPM | Mbar/LP M | psi/GPM |
| C10 | 0.45 | 1.2 | 0.821 | 0.042 | 0.364 | 0.021 |
| C50 | 3.5 | 5 | 0.109 | 0.006 | 0.054 | 0.003 |
| D10 | 4.5 | 10 | 0.054 | 0.003 | 0.018 | 0.001 |
| D25 | 16 | 25 | 0.036 | 0.002 | <0.018 | <0.001 |
| D50 | 38 | 50 | <0.018 | <0.001 | <0.018 | <0.001 |
| D75 | 65 | 75 | <0.018 | <0.001 | <0.018 | <0.001 |

* By Multi-Pass Test
ISO MEDIUM TEST DUST 12103-1, A3

How to order:

MPH — ◆ — ▲ — ■ — ● (ex: MPH-C10-1-N-P)

| Sign: | Micron Rate |
|-------|-------------|
| ◆ | 1 µm |
| ◆ | 5 µm |
| ◆ | 10 µm |
| ◆ | 25 µm |
| ◆ | 50 µm |
| ◆ | 75 µm |

| Sign: | Length |
|-------|--------|
| ▲ | Size 1 |
| ▲ | Size 2 |

| Sign: | O-ring |
|-------|------------------------|
| ■ | EPDM |
| ■ | Buna N |
| ■ | Silicone |
| ■ | Viton |
| ■ | Viton encapsulated PFA |

| Sign: | Ending Cap |
|-------|--------------------------|
| ● | Plastic adjusting flange |
| ● | None |

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