LOFTREX™ M filter cartridges

Eaton’s LOFTREX M filter cartridges are suitable for a wide range of process applications including RO prefiltration, machine coolants, chemicals, acids, bases, amine filtration, developers, and many more.

Features and benefits
- Made of 100% high purity polypropylene fibers (melt blown)
- No binders or adhesives
- Excellent chemical compatibility
- Available in a variety of end cap/adapter configurations to fit all industry-standard housings
- Individually sealed in plastic foil
- High dirt-holding capacity
- FDA listed (U.S. CFR, Title 21) materials of construction for food and beverage contact

Design
- **Filter material**: Polypropylene (melt blown)
- **Inner core**: Polypropylene (optional: stainless steel)
- **End caps**: Polypropylene
- **O-rings**: Silicone (standard), Buna-N, EPDM, FEP, FPM, FEP encapsulated

Retention ratings:
- 1, 3, 5, 10, 20, 30, 40, 50, 75, 90, 120, 150 µm @ 95% efficiency

Technical data
- **Nominal lengths**: 5”, 9.75”, 10”, 19.5”, 20”, 29.25”, 30”, 39”, 40” (12.7, 24.7, 25.4, 49.5, 50.8, 74.3, 76.2, 99.1, 101.6 cm)
- **Outside diameter**: 2.5” (6.4 cm)
- **Inside diameter**: 1.1” (2.7 cm)
- **Max. operating temperature**: 65°C
- **Max. differential pressure**: 4.0 bar @ 25°C
- **Recommended differential change-out pressure for disposal**: 2.4 bar
Flow rate*
(Water, 21 °C per 10" filter cartridge)

* For liquids other than water, multiply pressure drop by fluid viscosity in centipoise.

Ordering code

**Nominal lengths**
-5: 5"
-9: 9.75"
-10: 10"
-18: 19.5"
-20: 20"
-29: 29.25"
-30: 30"
-39: 39"
-40: 40"

**Retention ratings**
-1 μm
-3 μm
-5 μm
-10 μm
-20 μm
-30 μm
-50 μm
-70 μm
-90 μm
-120 μm
-150 μm

**O-rings**
(I: Silicone
B: Buna-N
E: EPDM
V: FPM
T: FEP encapsulated

**Efficiency**
(eficiency 95%)

**Adapter codes**
(I: DOE without foamed polypropylene flat gaskets
G: DOE with foamed polypropylene flat gaskets
1: SOE 226/Flat single open end
3: SOE 228/Fin single open end
4: SOE 222/Flat Single open end

Visit us Online at: [www.commercialfiltrationsupply.com](http://www.commercialfiltrationsupply.com)
for more filtration products.