



LOFMEM™ W absolute rated membrane filter cartridges (PES)

Eaton's LOFMEM W membrane filter cartridges are the preferred choice for general water filtration, as a DI water prefilter/postfilter and for use in aqueous-based chemical processing.

LOFMEM W membrane filter cartridges use absolute rated polypropylene and polyethersulfone components that are both hydrophilic and asymmetric. Engineered specifically for economical overall filtration, they offer superior flow rates and throughputs.

Features and benefits

- High dirt-holding provides long service life and reduced maintenance requirements
- Economic absolute filtration
- All-thermal bonded construction, no adhesives
- No wetting agents

Specifications

Filter material

Asymmetric polyethersulfone membrane

Inner core, cage, end caps

Polypropylene

Support layer

Spunbond polypropylene

Gaskets/O-rings

Silicone (standard), EPDM, FKM, FEP/FKM (O-rings only)

Retention ratings

0.05, 0.10, 0.20, 0.45, 0.65 µm

Technical data

Nominal lengths

10", 20", 30", 40"
(254, 508, 762, 1016 mm)

Outside diameter

2.7" (69 mm)

Inside diameter

1" (25 mm)

Surface area

6 ft² (0.56 m²) per 10" element

Max. operating temperature

176 °F (80 °C)

Max. differential pressures

75 psid @ 70 °F (5.2 bar @ 21 °C)
30 psid @ 176 °F (2.1 bar @ 80 °C)

Max. differential pressure reverse

40 psid @ 70 °F (2.8 bar @ 21 °C)

Recommended change-out pressure
35 psid (2.4 bar)

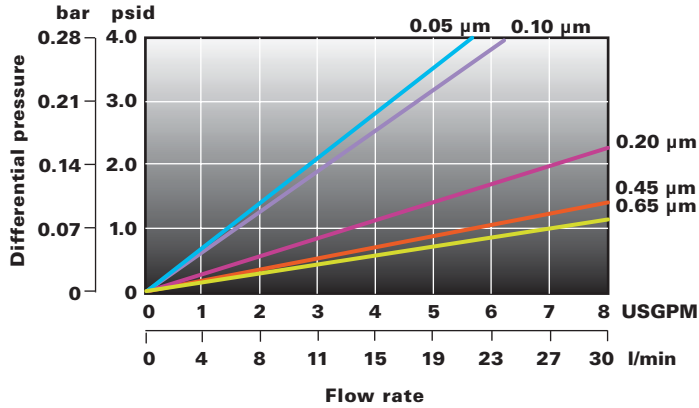


Powering Business Worldwide

LOFMEM W membrane filter cartridges

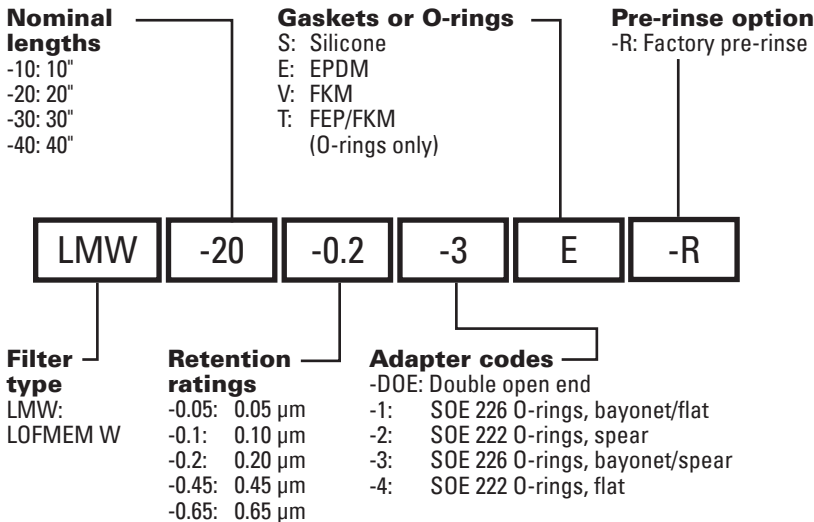
Flow rate*

(70 °F/21 °C per 10" element for water)



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

Ordering code



Filter type
LMW:
LOFMEM W

Retention ratings
-0.05: 0.05 µm
-0.1: 0.10 µm
-0.2: 0.20 µm
-0.45: 0.45 µm
-0.65: 0.65 µm

Adapter codes
-DOE: Double open end
-1: SOE 226 O-rings, bayonet/flat
-2: SOE 222 O-rings, spear
-3: SOE 226 O-rings, bayonet/spear
-4: SOE 222 O-rings, flat

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