



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)

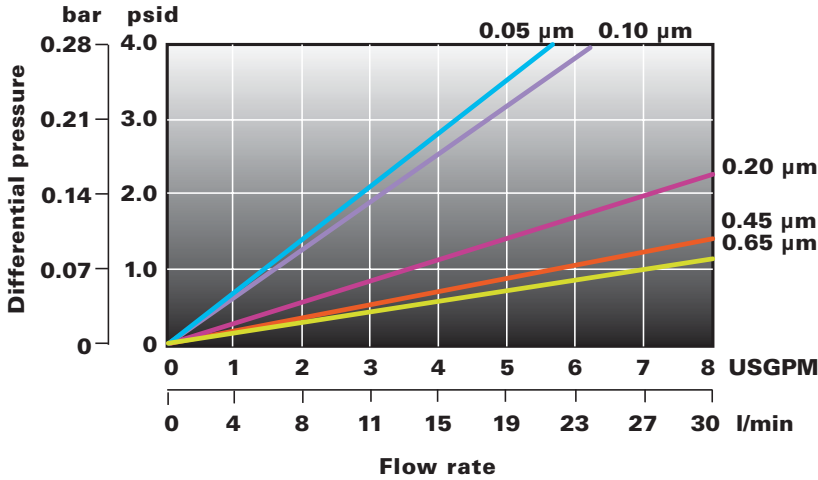
Recommended change-out pressure
35 psid (2.4 bar)



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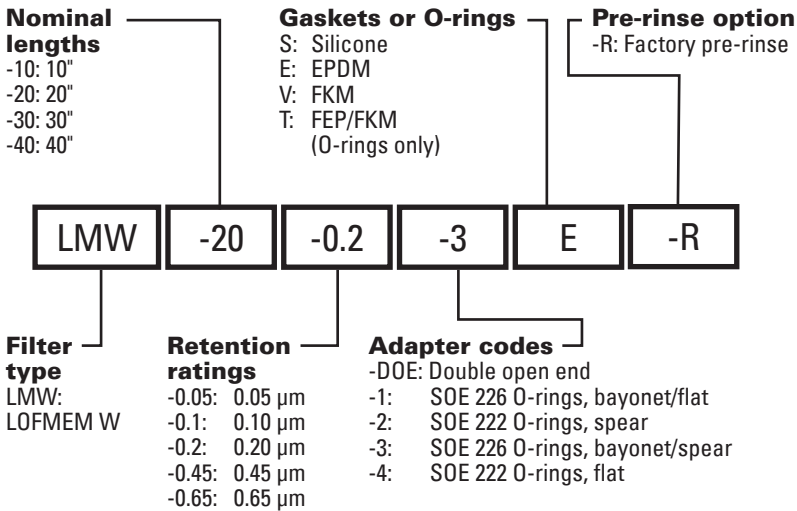
Flow rate*

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



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

Ordering code



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