



## 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
- Available in multiple configurations

### Design

#### Filter material

Asymmetric polyethersulfone membrane

#### Inner core, cage, end caps

Polypropylene

#### Support layer

Spunbond polypropylene

#### Gaskets/O-rings

Silicone (standard), Buna-N, EPDM, fluorelastomer, FEP encapsulated (O-rings only)

#### Retention ratings

0.05, 0.1, 0.2, 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

1.1" (27.9 mm)

#### Surface area

6 ft<sup>2</sup> (0.56 m<sup>2</sup>) per 10" element

#### Max. operating temperature

180 °F (82 °C)

#### Max. differential pressures

60 psid @ 80 °F (4.1 bar @ 27 °C)  
30 psid @ 160 °F (2.0 bar @ 71 °C)  
15 psid @ 200 °F (1.0 bar @ 93 °C)

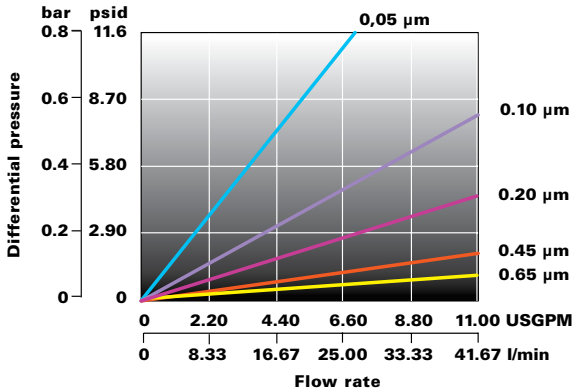


Powering Business Worldwide

# LOFMEM W membrane filter cartridges

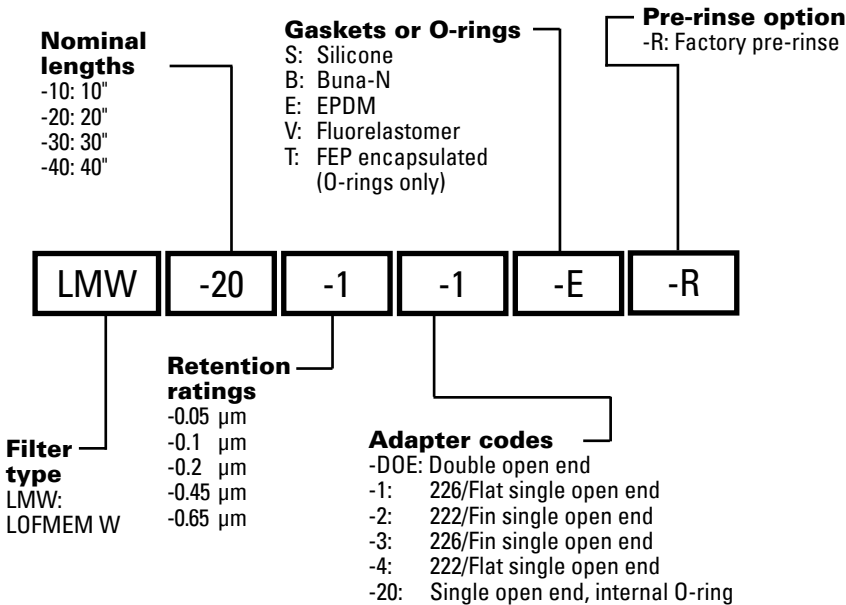
## Flow rate\*

(68°F/20 °C per 10" filter cartridge for water)



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

## Ordering code



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