

## Polyethersulfone Membrane Absolute Rated Filter Cartridge

*“Eaton’s LOFMEM-W membrane filter cartridge is the preferred choice for general water filtration, as a DI water prefilter/postfilter and for use in aqueous-based chemical processing.”*

This disposable Eaton membrane filter cartridge is designed using absolute rated polypropylene and polyethersulfone components that are both hydrophilic and asymmetric. Engineered specifically for economic overall filtration, the LOFMEM-W offers superior flow rates and throughputs.

### Features and Benefits

- High dirt holding provides long service life and reduced maintenance requirements
- Economic absolute filtration
- FDA listed (U.S. CFR, Title 21) materials of construction for food and beverage contact
- Available in multiple configurations

- All-thermal bonded construction, no adhesives
- Validated for USP, Class VI standards for plastics

### Filter Specifications

#### Media

Asymmetric polyethersulfone

#### Inner core/end caps/cage

Polypropylene

#### Support layers

Spunbond polypropylene

#### Gaskets/O-Rings

Buna-N, EPDM, Silicone, Viton®, Teflon® encapsulated Viton (O-Rings Only)

#### Compatibility

Compatible with most common chemical cleaning, sanitizing and sterilizing agents and with pH range from 1 to 4. For more information, call Eaton or your Eaton representative

#### Nominal lengths

9.75", 10", 20", 30", 40"  
(24.7, 25.4, 50.8, 76.2, 101.6 cm)

#### Outside diameter

2.7" (6.9 cm)

#### Inside diameter

1.1" (2.79 cm)

#### Micron ratings

0.05, 0.1, 0.2, 0.45, 0.65 µm

#### Cleanliness

Non-fiber releasing  
No wetting agents

#### Surface area

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

### Operating Parameters

**Sustained maximum operating temperature**  
180°F (82°C) at 20 psid (1.38 bar)

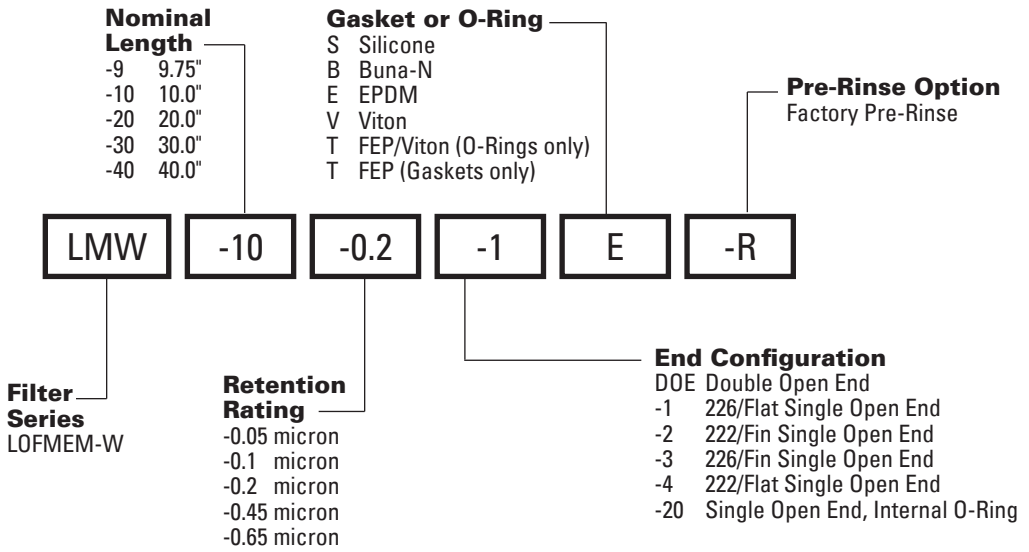
**Maximum differential pressure**  
60 psid @ 80°F (4.14 bar @ 27°C)  
30 psid @ 160°F (2.07 bar @ 71°C)  
15 psid @ 200°F (1.03 bar @ 93.3°C)

**Recommended change-out pressure**  
35 psid (2.4 bar)

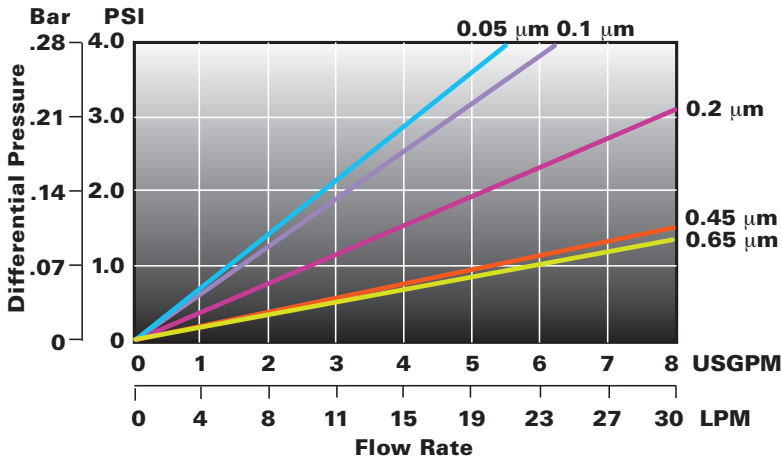


Powering Business Worldwide™

**Filter Specification Code**



**LOFMEM-W Flow Rate** (per 10" cartridge)



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