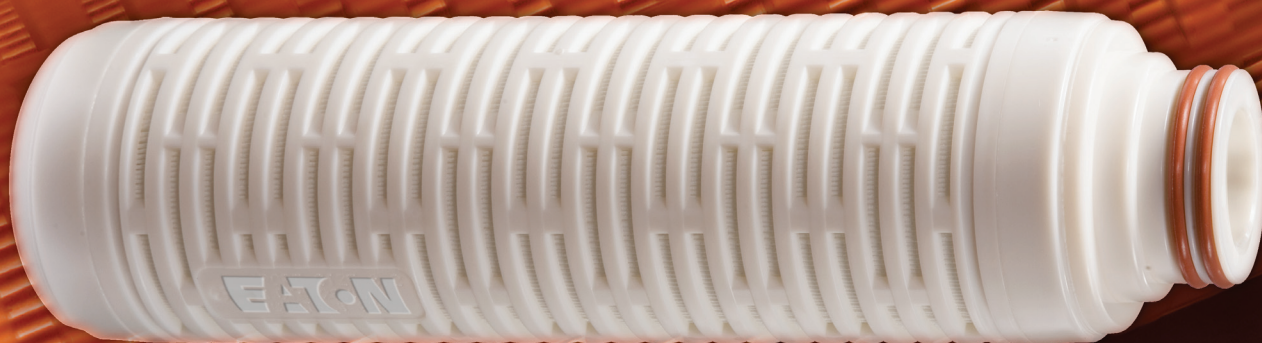




## Absolute Rated Polyester Track-Etch Membrane Filter Cartridges

*"Eaton's LOFMEM-Q cartridges are used in a range of filtration processes including: general industrial water, pharmaceutical water, semiconductor ultrapure water & chemicals, solvents & recirculating plating and etch baths"*

The LOFMEM-Q pleated filter element is precision engineered for consistent and reliable filtration over a broad range of conditions. The cartridge features a Track-Etch polyester membrane that is highly efficient in general filtration applications.

### Features and Benefits

- High performance filtration achieved through sieving
- 12.5 ft<sup>2</sup> of membrane surface area per 10" length
- Validated to USP VI biological standards for plastics
- Easily sanitized using hot water, steam, H<sub>2</sub>O<sub>5</sub> and other sterilizing agents
- Rapid flushing and high cleanliness from all-polyester construction
- No ionic contamination

### Filter Specifications

#### Media

Polyester Track-Etch membrane

#### Inner core, end caps, cage

Polyester

#### Support layer

Polyester

#### Gasket/O-Rings

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

#### Micron ratings

0.1, 0.2, 0.4, 0.6 µm

### Dimensions / Parameters

#### 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

1.0" (2.54 cm)

#### Surface area

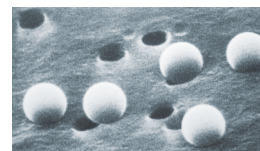
12.5 ft<sup>2</sup>. (1.2m<sup>2</sup>) – 10" element

#### Max. operating temp.

176°F (80°C)

#### Max. differential pressure

75 psid @ 70°F (5.5 bar @ 21°C)  
5 psid @ 176°F (0.3 bar @ 80°C)



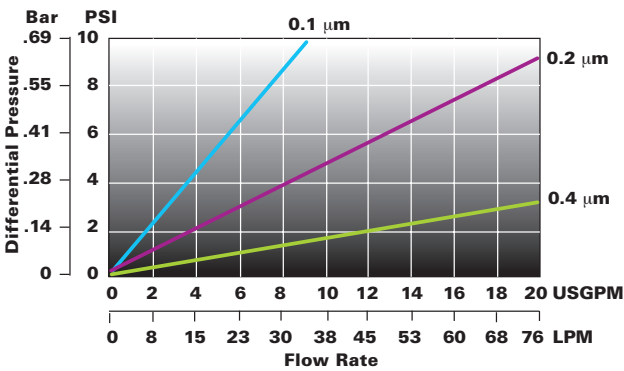
Track Etch membranes come in a range of micron settings from .1 to .6µm



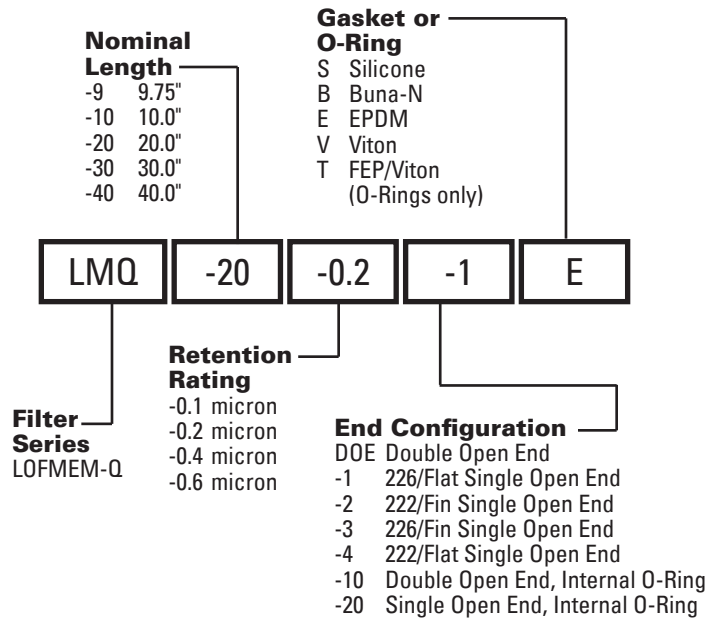
Powering Business Worldwide™

# LOFMEM-Q Water Flow Rate

(ambient temp. per 10" cartridge)



# Filter Specification Code



# LOFMEM-Q Rinse-Up Performance

Typical Results per 10" Cartridge\*

| Parameter               | Quick Flush |                   | Background Flush |                        |
|-------------------------|-------------|-------------------|------------------|------------------------|
|                         | Level       | Flush Volume      | Level            | Flush Volume           |
| Resistivity             | 18 MΩ-cm    | < 80 gal. (303 L) | 18.15 MΩ-cm      | < 1,300 gal. (4,920 L) |
| TOC                     | < 5 ppb     | < 35 gal. (133 L) | < 2 ppb          | < 150 gal. (568 L)     |
| Particles > pore rating | < 5/mL      | < 35 gal. (133 L) | < 1/mL           | < 150 gal. (568 L)     |

\*Cartridges flushed before tests. Contact Eaton for test conditions.

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