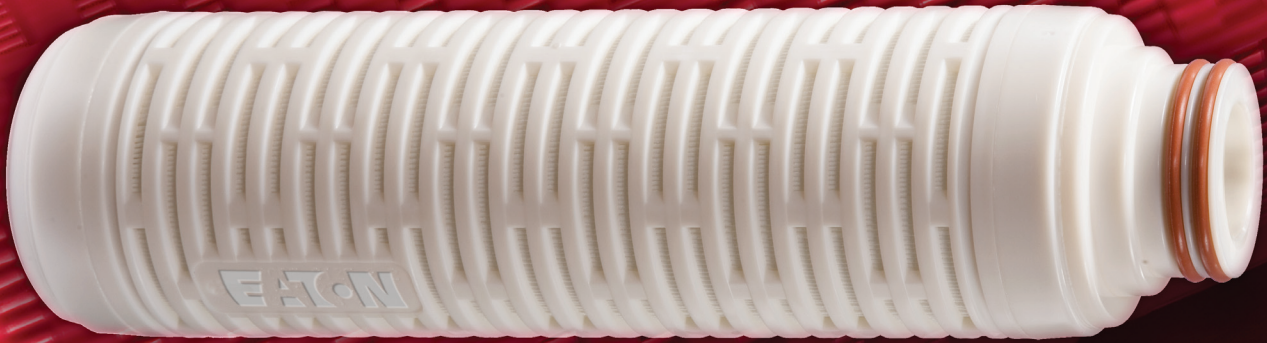




Absolute Rated Polyester Track-Etch Membrane Filter Cartridges

"LOFMEM-V cartridges from Eaton provide efficient filtration in critical applications including: semiconductor ultrapure water, cosmetics water & chemicals, solvent filtration, pharmaceutical water and bottled water."

Designed for precise, consistent and reliable filtration, the LOFMEM-V pleated filter element features a double layer of Track-Etch polyester membrane. Cartridges are pre-flushed and integrity tested to ensure the optimal contamination removal.

Features and Benefits

- Integrity testable
- 12.5 ft² (1.2m²) of Track-Etch membrane per 10" element.
- High flow rates, high resistivity, low TOC levels
- Sieving capture mechanism for high performance filtration
- Pre-flushed, integrity tested and serialized
- Meets USP Class VI biological test for plastics

- All-polyester construction
- Sanitizable with steam, hydrogen peroxide, hot water and other chemical sterilants
- Cyst removal exceeding ANSI/NSF standard 53 for drinking water
- Validation guide
- Pore size, lot and serial number are stamped on each filter element for identification and traceability.

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

0.05, 0.1, 0.2, 0.4, 0.6, 1.0 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.² (1.2m²) – 10" element

Max. operating temp.

176°F (80°C)

Max. differential pressure

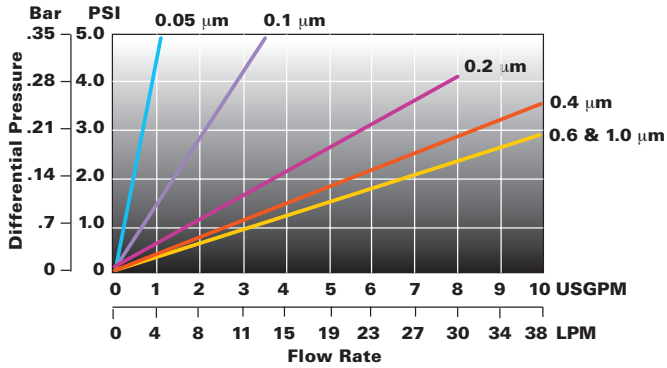
75 psid @ 70°F (5.5 bar @ 21°C)
5 psid @ 176°F (0.3 bar @ 80°C)



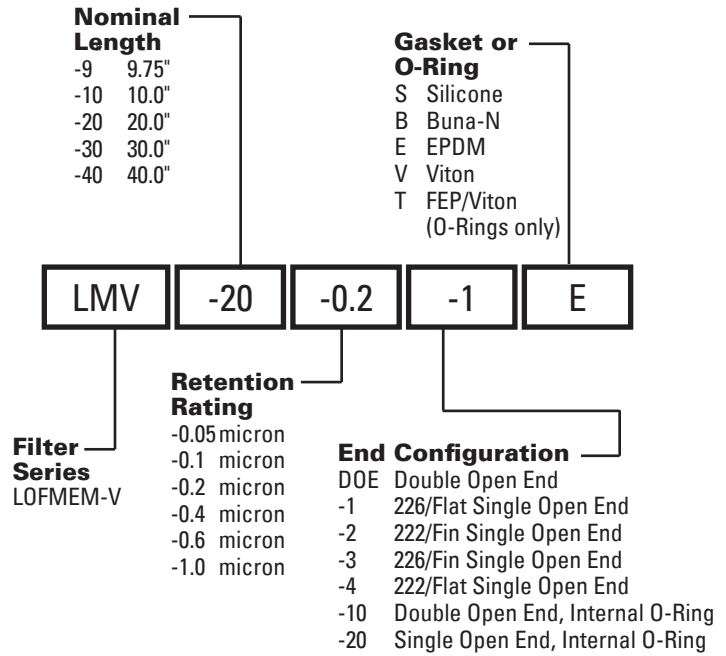
Powering Business Worldwide™

LOFMEM-V Water Flow Rate

(ambient temp. per 10" cartridge)



Filter Specification Code



LOFMEM-V Rinse-Up Performance Typical Results per 10" Cartridge*

Parameter	Quick Flush		Background Flush	
	Level	Flush Volume	Level	Flush Volume
Resistivity	18 MΩ-cm	< 334 gal. (1264 L)	18 MΩ-cm	< 1,300 gal. (4,920 L)
TOC	< 3 ppb	< 70 gal. (265 L)	< 2 ppb	< 250 gal. (946 L)
Particles > pore rating	< 5/mL	< 35 gal. (133 L)	< 1/mL	< 10 hrs

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

©2009 Eaton Corporation. All Rights Reserved.
All trademarks and registered trademarks are the property of their respective owners. Litho USA

All information and recommendations appearing in this brochure concerning the use of products described herein are based on tests believed to be reliable. However, it is the user's responsibility to determine the suitability for his own use of such products. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Eaton as to the effects of such use or the results to be obtained. Eaton assumes no liability arising out of the use by others of such products. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

LENNTECH

info@lennotech.com Tel. +31-152-610-900

www.lennotech.com Fax. +31-152-616-289

EATON

Powering Business Worldwide™

EF-LMV
8-2009