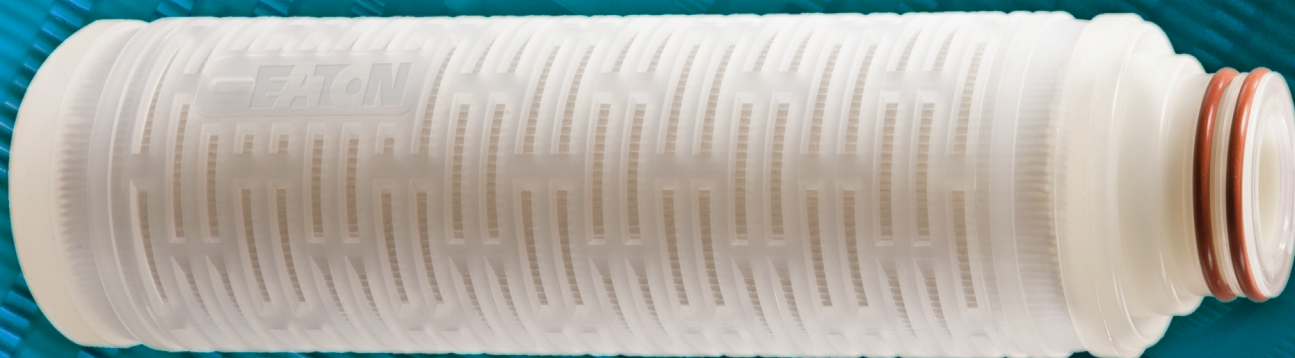




Absolute Rated Polyethersulfone Membrane Pleated Filter Cartridges

"LOFMEM-G cartridges from Eaton are inherently hydrophilic and are designed for a wide range of applications including: food & beverage, filtration of acids & bases, cosmetics, inks, chemicals, ultra-pure water and other aqueous solutions"

The LOFMEM-G pleated, disposable cartridge is one of the industry's most efficient and cost effective filters available. The absolute rated, hydrophilic, asymmetric polyethersulfone membrane features 7 square feet of surface area for a high system flow rate.

Features and Benefits

- Large membrane surface area for high throughput
- Longer on-line service reduces costly maintenance time
- Absolute rated membrane from 0.1 to 0.65 µm
- Manufactured in an ISO Class 7 cleanroom environment
- 100% flushed with 18 MΩ-cm DI water and bubblepoint tested

- Meets USP Class VI biological test for plastics
- Fixed pore construction eliminates dirt unloading as differential pressure increases
- Low extractables

Filter Specifications

Media

Asymmetric polyethersulfone membrane

Inner core, end caps, cage
Polypropylene

Support layers
Spunbond polypropylene

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

Micron ratings
0.1, 0.2, 0.45, 0.65 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
7.0 ft². (0.65m²) per 10 inch element

Max. sustained operating temperature
180°F (82°C) at 20 psid (1.38 bar)

Max. differential pressure
60 psid @ 80°F (4.14bar @ 27°C)
30 psid @ 160°F (2.07 bar @ 71°C)
15 psid @ 200°F (1.03 bar @ 93°C)

Max. reverse differential pressure
40 psid @ 70°F (2.8 bar @ 21°C)

Recommended change-out pressure
35 psid (2.4 bar)



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Performance Specifications

Hot DI water

Filter cartridge will withstand temperatures of 185°F (85°C) for up to 30 consecutive minutes.

Chemical compatibility

Filter cartridge resists most acids and bases, pH 1–14 and most oxidizing agents.

Sanitizing agents

Filter cartridge may be sanitized in place with common oxidizing agents.

Steam/Autoclave

Cartridges may be steamed or autoclaved for at least 5 one-hour cycles @ 275°F (135°C).

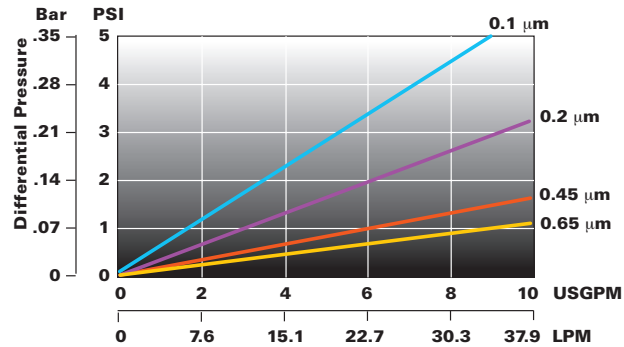
FDA Listed Materials

All polypropylene material used in manufacturing complies with the regulations of the Food and Drug Administration (FDA) title 21 of the Code of Federal Regulations Sections 174.5, as applicable for food and beverage contact.

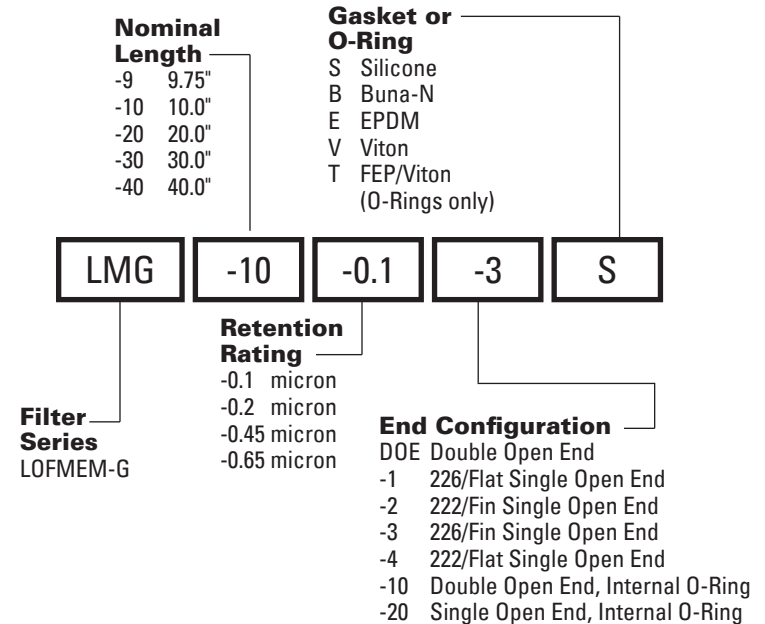


The LOFMEM-G filter is available with a variety of gasket, O-ring and end cap configurations.

LOFMEM-G Flow Rate (70°F/21°C per 10" cartridge)



Filter Specification Code



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