

LOFMEM™ N absolute rated membrane filter cartridges

Eaton's LOFMEM N filters have superior chemical compatibility making them the preferred choice for high purity water filtration, organic solvents and aqueous co-solvent systems and other water and process applications.

LOFMEM N membrane filter cartridges use absolute rated nylon 66 membrane that is inherently hydrophilic and has excellent chemical resistance. LOFMEM N is manufactured without the use of glues, adhesives or wetting agents, ensuring high purity in every application.

Features and benefits

- Hydrophilic Nylon 66 membrane
- Superior chemical resistance
- Absolute rated filtration
- All-thermal bonded construction, no adhesives
- No wetting agents
- Available in multiple configurations

Design

Filter material
Hydrophilic Nylon 66 membrane

Inner core, cage, end caps
Polypropylene

Support layer
Polypropylene

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

Retention ratings
0.20, 0.45, 1.00 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
7 ft² (0.65 m²) per 10" element

Max. operating temperature
176 °F (80 °C)

Max. differential pressures
58 psid @ 81 °F (4.0 bar @ 21 °C)

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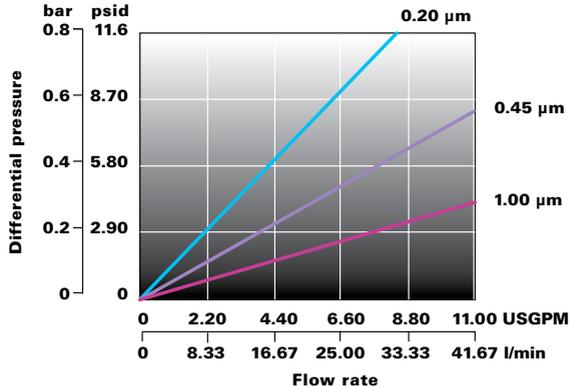
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LOFMEM N membrane filter cartridges

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

