



LOFTREX™ M filter cartridges

Eaton's LOFTREX M filter cartridges are suitable for a wide range of process applications including RO prefiltration, machine coolants, chemicals, acids, bases, amine filtration, developers, and many more.

LOFTREX M filter cartridges are made of high purity polypropylene or polyamide 6.6 fibers.

Features and benefits

- Made of high purity polypropylene or polyamide 6.6 fibers (melt-blown)
- No binders or adhesives
- Excellent chemical compatibility
- Available in a variety of end cap/adaptor configurations to fit all industry-standard housings
- Individually sealed in plastic foil
- High dirt-holding capacity
- All materials used meet the FDA requirements according to 21 CFR § 177.1520

Specifications

Filter materials

Polypropylene or Polyamide 6.6 (melt-blown)

Inner core

Polypropylene or Polyamide 6.6 (fiberglass reinforced)

End caps

Polypropylene or Polyamide 6.6

O-rings

Silicone (standard), EPDM, FKM, FEP/FKM

Retention ratings

1, 3, 5, 10, 20, 50, 90, 150 µm @ 95% efficiency

Technical data

Nominal lengths

5", 9.75", 10", 19.5", 20", 29.25", 30", 39", 40" (127, 248, 508, 495, 508, 743, 762, 991, 1016 mm)

Outside diameter

2.5" (63 mm)

Inside diameter

1.1" (28 mm)

Max. operating temperatures

Polypropylene: 176 °F (80 °C)
Polyamide 6.6: 302 °F (150 °C)

Max. differential pressures

Polypropylene:
58 psid @ 77 °F (4.0 bar @ 25 °C)
Polyamide 6.6:
90 psid @ 86 °F (6.2 bar @ 30 °C)

Recommended differential change-out pressure for disposal
35 psid (2.4 bar)

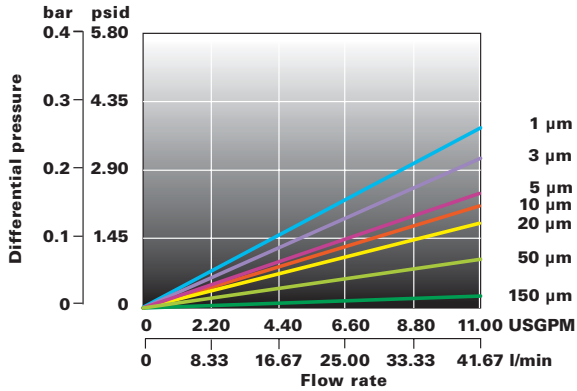


Powering Business Worldwide

LOFTREX M filter cartridges

Flow rate*

(70°F/21 °C per 10" element for water)



* For liquids other than water, multiply pressure drop by fluid viscosity in centipoise.

Ordering code

Nominal lengths

- 5"
- 9: 9.75"
- 10: 10"
- 19: 19.5"
- 20: 20"
- 29: 29.25"
- 30: 30"
- 39: 39"
- 40: 40"

Efficiency
(efficiency 95%)

O-rings
(): Silicone
E: EPDM
V: FKM
T: FEP/FKM



Filter type

LX: LOFTREX M
(polypropylene)
LXN: LOFTREX M
(polyamide 6.6)

Retention ratings

- 1: 1 µm
- 3: 3 µm
- 5: 5 µm
- 10: 10 µm
- 20: 20 µm
- 50: 50 µm
- 90: 90 µm
- 150: 150 µm

Adapter codes

- (): DOE without foamed polyethylene gaskets
- G: DOE with foamed polyethylene gaskets
- 1: SOE 226 O-rings, bayonet/flat
- 2: SOE 222 O-rings, spear
- 3: SOE 226 O-rings, bayonet/spear
- 4: SOE 222 O-rings, flat

North America

44 Apple Street
Tinton Falls, NJ 07724
Toll Free: 800 656-3344
(North America only)
Tel: +1 732 212-4700

China

No. 3, Lane 280,
Linhong Road
Changning District, 200335
Shanghai, P.R. China
Tel: +86 21 5200-0099

Europe/Africa/Middle East

Auf der Heide 2
53947 Nettersheim, Germany
Tel: +49 2486 809-0

Friedensstraße 41
68804 Altlußheim, Germany
Tel: +49 6205 2094-0

An den Nahewiesen 24
55450 Langenlonsheim, Germany
Tel: +49 6704 204-0

Singapore

100G Pasir Panjang Road #07-08
Singapore 118523
Tel: +65 6825-1668

Brazil

Av. Ermano Marchetti, 1435 -
Água Branca, São Paulo - SP,
05038-001, Brasil
Tel: +55 11 3616-8461

For more information, please
email us at filtration@eaton.com
or visit www.eaton.com/filtration

© 2020 Eaton. All rights reserved. All trademarks and registered trademarks are the property of their respective owners. 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.

US
EF-LX-M
06-2020



Powering Business Worldwide

