



Melt Blown, High Performance Filter Cartridges

“Eaton’s LOFTREX-T filters are the ideal medium for critical chemicals, paint & ink, water, plating, pharmaceuticals, food & beverages, microelectronics and cosmetics processing applications.”

Where precision and repeatable depth filtration are required, the Eaton LX-T series melt blown filters deliver exceptional performance. Multi-zoned construction and true clarifying filtration is achieved with no unloading of captured contaminant.

Features and Benefits

- Retentions from 0.5 to 75 microns
- Melt blown depth filter with multiple zones and true graded pore structure
- Thermal bonding of fibers provide long life and high void volumes

- Meets USP Class VI criteria for use in pharmaceutical applications
- Higher temperature and pressure capability with molded center core design
- Contains no adhesives, binders or surfactants

Filter Specifications

Media

Polypropylene

End caps/center core

Polypropylene

Gaskets/O-rings

Silicone, EPDM, Buna N, Santoprene, Viton® and Teflon® encapsulated Viton (O-rings only)

Micron ratings

0.5, 1, 3, 5, 10, 20, 50, 75 μm

Dimensions

Nominal lengths

4, 5, 9.75, 10, 19.5, 20, 29.25, 30, 39, 40 inches (10.2, 12.7, 24.8, 25.4, 49.5, 50.8, 74.3, 76.2, 99.1, 101.6 cm)

Outside diameter

2.5" (6.35 cm)

Inside diameter

1" (2.54 cm)

Operating Conditions

Maximum differential pressure

150 psid @ 68°F (10.3 bar @ 20°C)
90 psid @ 150°F (6.2 bar @ 66°C)
35 psid @ 176°F (2.4 bar @ 80°C)

Recommended changeout differential pressure

35psid (2.4 bar)

Steam Sterilization

LOFTREX single open end style filters may be autoclaved under no end load conditions for 30 minutes at 121°C. Filters should be cooled to normal operating temperatures prior to use.

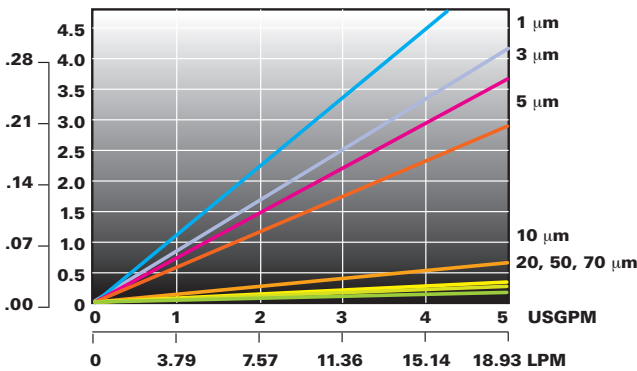


Powering Business Worldwide™



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

LOFTREX-T Flow Rate (70°F/21°C per 10" cartridge)
 Bar PSI 0.5 μm



Nominal Length

- 4 4"
- 5 5"
- 9 9.75"
- 10 10"
- 19 19.5"
- 20 20"
- 29 29.25"
- 30 30"
- 39 39"
- 40 40"

Filter Specification Code

Gasket or O-Ring

- S Silicone
- B Buna-N
- E EPDM
- V Viton
- T FEP/Viton (O-Rings only)
- N None

Efficiency
-T 90%



Filter Series
LOFTREX-T

Retention Rating

- 0.5 micron
- 1 micron
- 3 micron
- 5 micron
- 10 micron
- 20 micron
- 50 micron
- 70 micron

End Configuration

- DOE Double Open End
- 1 226/Flat Single Open End
- 2 222/Fin Single Open End
- 3 226/Fin Single Open End
- 4 222/Flat Single Open End
- 10 Double Open End, Internal O-Ring
- P6 Self-Seal Spring on One End
- N None (Cut End)
- 1X Extended Core
- DBG Direct Bond Santoprene Gaskets
- 20 Single Open End, Internal O-Ring

Differential Pressure

Eaton North America – HQ

2000 Valley Road
 Edison, NJ 08839
 Toll Free: (800) 656-3344
 (North America only)

Voice: (732) 486-1000
 Fax: (952) 906-3706

Eaton Brazil

Av. Julia Gaioli, 400
 Bonsucesso
 07255-900 – Guarulhos
 Brazil

Voice: +55 (11) 6480-2808
 Fax: +55 (11) 6480-2808

Eaton Europe/Africa/Middle East

Auf der Heide 2
 53947 Nettersheim
 Germany

Voice: +49-2486-809-0
 Fax: +49-2486-809-800

Eaton China

No. 1000
 4YR_X_Z_X 5
 Shanghai
 China

Voice: (86-21) 5866 1238
 Fax: (86-21) 5866 1238

Eaton Singapore

2000 Valley Road
 Singapore

Voice: +65 682511668
 Fax: +65 682511639

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For more information,
 please e-mail us at
filtration@eaton.com,
 or call 732-212-4700.

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