

LOFTREX Industrial Filter Cartridges

„LOFTREX Filter cartridges from Eaton are perfect for a wide of range of process applications including food & beverage, pharmaceuticals, cosmetics, water treatment, DI water, RO prefilters, chemicals, solvents, plating solutions and more.“

LOFTREX Filter cartridges are manufactured from polypropylene microfibers, which are thermally bonded together in order to prevent fiber loss.

Features and Benefits

- LOFTREX Filter Cartridges are made of pure polypropylene (melt blown) micro fibres, thermally bonded to prevent any fibre migration
- The polypropylene filter material offers excellent chemical compatibility
- LOFTREX Filter Cartridges do not contain an inner core

- Graded pore structure offers high dirt holding capacity with low initial pressure drop
- No surfactants are present to generate extractables leading to foaming or other undesirable effects on the filtrate
- According to FDA requirements (CFR 177)

Filter Specifications

Filter Material
Polypropylene (melt blown)

Micron ratings
1; 3; 5; 10; 20; 30; 50; 75; 90 µm
@ 80 % Efficiency

Dimensions / Parameters

Nominal lengths

5"; 9.75"; 10"; 19.5"; 20"; 29.25"; 30"; 39"; 40"; 50"
(12.7; 24.7; 25.4; 49.5; 50.8; 74.3; 76.2; 99.1; 101.6; 127 cm)

Outside diameter

2.5" (6.4 cm)

Inside diameter

1.1" (2.8 cm)

Max. operating temperature

80 °C (176 °F)

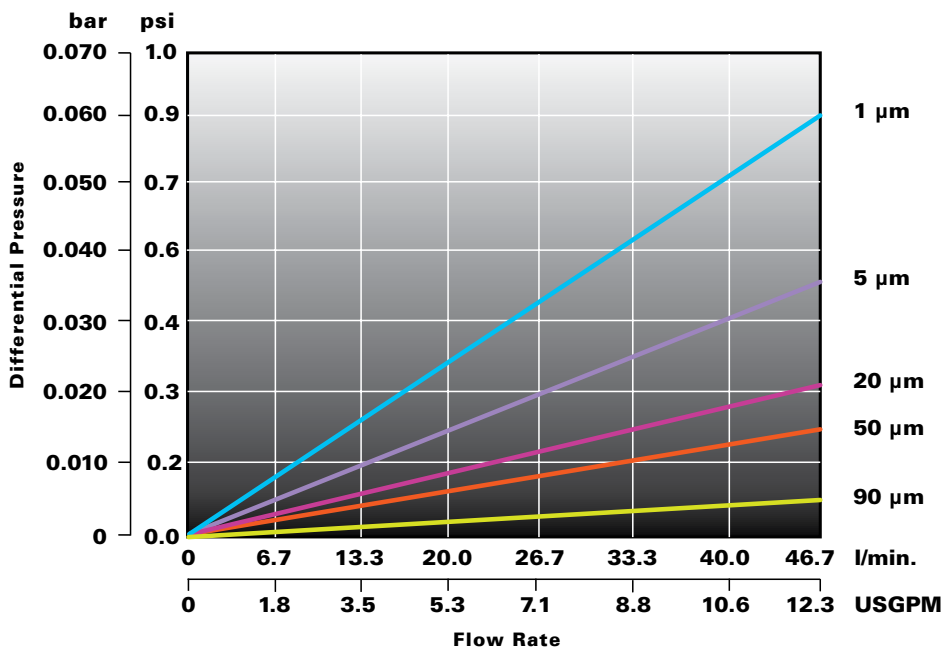
Max. differential pressure

2.5 bar @ 25 °C (36 psid @ 77 °F)



Powering Business Worldwide

LOFTREX™ Flow Rate*
(Water, 21 °C/70 °F per 10" cartridge)



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

Filter Specification Code

Nominal length

-5 5"
-9 9.75"
-10 10"
-19 19.5"
-20 20"
-29 29.25"
-30 30"
-39 39"
-40 40"
-50 50"

LX **-9** **-50**

Filter Series
LOFTREX

Retention Rating

-1 µm
-3 µm
-5 µm
-10 µm
-20 µm
-30 µm
-50 µm
-75 µm
-90 µm

Eaton Technologies GmbH
Hydraulics Group
Filtration Division

Auf der Heide 2
53947 Nettersheim, Germany
tel.: +49 2486 809 0
fax: +49 2486 809 800
email: info-filtration@eaton.com
www.eaton.de/filtration

Eaton Technologies GmbH
Hydraulics Group
Filtration Division
Bron branch

La Tour Sier
129 boulevard Pinel
69500 Bron, France
tel.: +33 4 72 78 84 50
fax: +33 4 78 74 43 07
email: info-filtration@eaton.com
www.eaton.com/filtration

Customer Service EMEA

Austria tel.: 0800 29 36 89
Belgium tel.: 0800 77 0 22
France tel.: +33 4 72 78 84 50
Germany tel.: +49 2486 809 400
Italy tel.: 800 78 58 83
Luxembourg tel.: 800 2 42 98
Netherlands tel.: 0800 0 22 27 03
Spain tel.: 900 98 49 15
UK tel.: +44 1206 593 128
Export tel.: +49 2486 809 470

fax: 0800 29 36 90
fax: 0800 77 0 23
fax: +33 4 78 74 43 07
fax: +49 2486 809 500
fax: 800 78 58 84
fax: 800 2 42 99
fax: 0800 0 22 26 95
fax: 900 98 49 14
fax: +44 1206 593 129
fax: +49 2486 809 570



Powering Business Worldwide

Subject to technical and editorial changes. © 2013 Eaton Corporation.
All rights reserved. All trademarks and registered trademarks are the
property of their respective owners. Printed in Germany.