

LOFTREX M Filter Cartridges

Are made of 100% high purity polypropylene (melt blown) micro fibres, thermally bonded on a polypropylene centre core

Pure melt blown Polypropylene

No binders nor adhesives

According to FDA requirements (CFR 177.1520)

High dirt holding capacity

Excellent chemical compatibility

Individually sealed in plastic wrapping

Label heat stamped on cartridge



Application Examples:

Pharmaceutical: Pre-filtration, ultrapure water systems (Pre-RO)

Electronics: Pre-RO, bulk chemical pre-filtration

Cosmetics: Mouthwash, lotions

Metal Finishing: Machine coolants, plating solutions, stripping solutions

Chemical Processing: Bulk chemical filtration, sodium hypochlorite, acid filtration, make-up water

Food & Beverage: Bottled water, wine pre-filtration, beer filtration, edible oils, milk, fruit juice

Photographic: Film processing, developer, fixer

Oil & Gas: Completion fluids, deep well injection, amine filtration

Performance Specifications:

Retention Ratings: 1, 3, 5, 10, 20, 30, 40, 50, 75, 90 & 120µm @ 95% efficiency

Maximum Differential Pressure: 4.0 bar @ 25°C

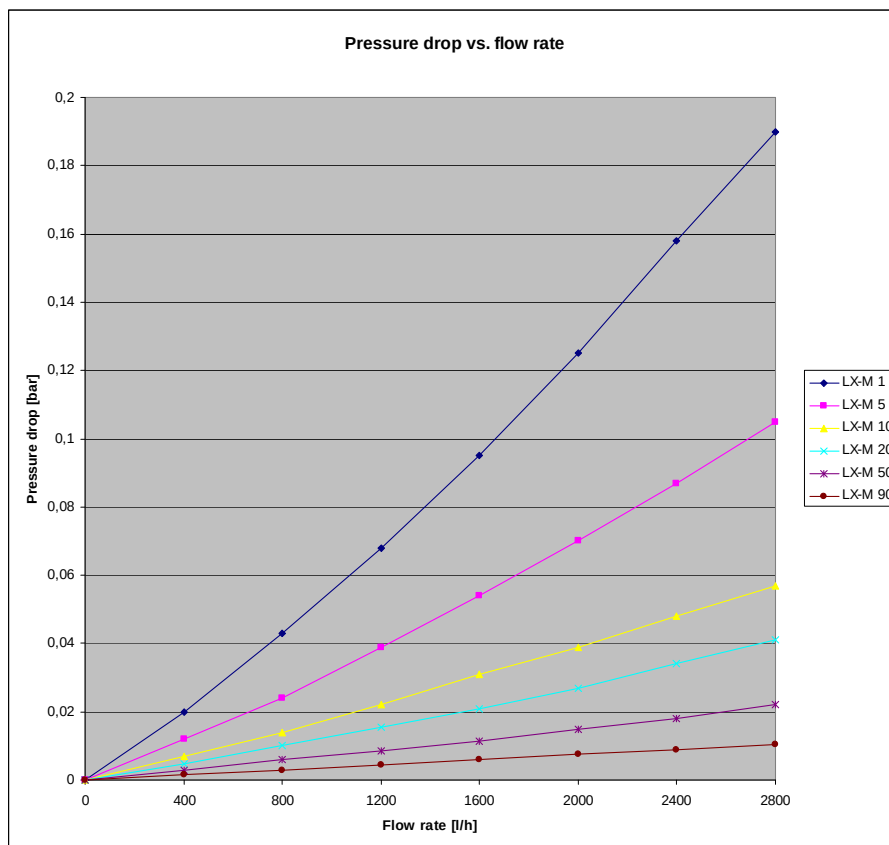
Maximum Working Temperature: 80°C

Sanitization / steam sterilization: 30 min @ 121°C (Code 3 only)

Product Specifications:

Filter Medium:	Polypropylene (melt blown)
Inner Core:	Polypropylene
End caps:	Polypropylene
Gasket (DOE):	Polypropylene foamed flat gasket
O-Rings (Code 1 to 4):	Silicone (standard); Viton & EPDM (optional)
Outside Diameter:	64 mm
Inside Diameter:	27 mm
Lengths:	5", 9 ³ / ₄ ", 10", 19 ¹ / ₂ ", 20", 29 ¹ / ₄ ", 30", 39", 40"

Liquid Flow Specifications:



Flow rate is per 10" cartridge at ambient temperature. For liquids other than water, multiply the pressure drop by the fluid viscosity in centi Poise.

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LOFTREX M filter cartridge

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LX - 10 - 20 - M - ()

length

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

removal rating (µm)

1 - 3 - 5 - 10 - 20 - 30
40 - 50 - 75 - 90 - 120

adaptor configurations

blank = DOE w/o PP flat gaskets
G = DOE with PP flat gaskets
1 = SOE with 2 O-rings 226 and flat cap
2 = SOE with 2 O-rings 222 and spear
3 = SOE with 2 O-rings 226, bayonet and spear
4 = SOE with 2 O-rings 222 and flat cap

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