



LOFTOP™ Coreless filter cartridges

Eaton's LOFTOP Coreless filter cartridges are suitable for a broad range of applications with high flow rates.

LOFTOP Coreless filter cartridges are made of high purity polypropylene or polyamide 6.6 microfibers (melt blown).

Features and benefits

- Made of high purity polypropylene or polyamide 6.6 fibers (melt blown)
- No binders or adhesives
- Excellent chemical and thermal compatibility
- Beta rating of 5000, 99.98% efficiency
- Individually sealed in plastic foil
- High dirt-holding capacity
- FDA listed (U.S. CFR, Title 21) materials of construction for food and beverage contact

Design

Filter materials

Polypropylene or polyamide 6.6 (melt blown)

Retention ratings

1, 5, 10, 20, 40, 70, 90, 120 μm @ 99.98% efficiency

Technical data

Nominal lengths

20", 40" (508, 1.016 mm)

Outside diameter

6" (152 mm)

Inside diameter

4.5" (114 mm)

Max. operating temperatures

Polypropylene: 176 °F (80 °C)
Polyamide 6.6: 266 °F (130 °C)

Max. differential pressures

Polypropylene:
58 psid @ 77 °F (4.0 bar @ 25 °C)
14.5 psid @ 176 °F (1.0 bar @ 80 °C)
Polyamide 6.6:
58 psid @ 90 °F (4.0 bar @ 32 °C)
14.5 bar @ 266 °F (1.0 bar @ 130 °C)

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



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Liquid flow specification and dirt-holding capacity

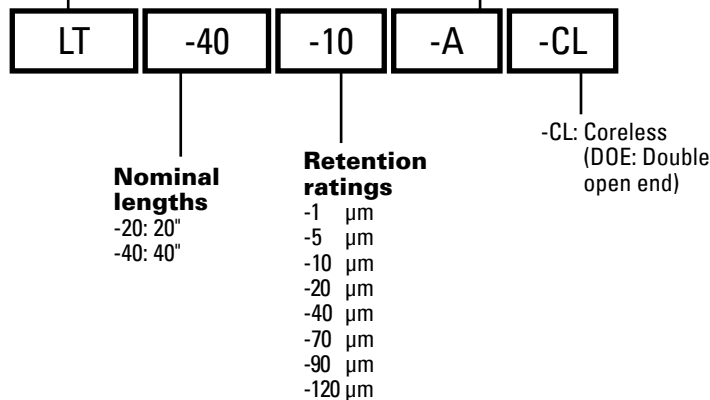
Micron rating (µm)	1	5	10	20	40	70	90	120
Recommended flow rate l/min for water @ 25°C (Δp 0.1 bar) for 40"	100	150	200	400	1,000	1,000	1,000	1,000
Recommended flow rate GPM/min for water @ 77°F (Δp 1.45 psid) for 40"	26.4	39.6	52.8	105.7	264.2	264.2	264.2	264.2
Dirt-holding capacity (g)	700	800	800	800	1,000	1,200	3,500	3,500

Ordering code

Filter types

LT: LOFTOP coreless in polypropylene
LTN: LOFTOP coreless in polyamide 6.6

Absolute efficiency
(efficiency 99.98%)



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