



LOFTOP™ Nylon filter cartridges

Eaton's LOFTOP Nylon filter cartridges are suitable for the filtration of solvents, amine, glycol solutions, hydrocarbon (kerosene), solvent and aqueous based paints, lacquers, emulsions, waxes, return condensate and high temperature fluids.

LOFTOP Nylon filter cartridges are made of high purity polyamide 6.6 fibers. The product includes an integral fiberglass reinforced polyamide support core with optional stainless steel core available.

Features and benefits

- Made of high purity polyamide 6.6 fibers (melt blown)
- No binders or adhesives
- Excellent chemical and thermal compatibility
- Available in a variety of end cap/adaptor configurations to fit all industry-standard housings
- Beta rating of 5000, 99.98% efficiency
- Individually sealed in plastic foil

Design

Filter material
Polyamide 6.6 (melt blown)

Inner core
Polyamide 6.6 fiberglass reinforced

End caps
Polyamide 6.6

O-rings
Silicone (standard), Buna-N, EPDM, fluorelastomer, FEP encapsulated

Retention ratings
0.5, 1, 3, 5, 10, 20, 50, 120 μm @ 99.98% efficiency

Technical data

Nominal lengths
9.75", 10", 20", 29.25", 30", 40" (247, 254, 508, 743, 762, 1016 mm)

Outside diameter
2.5" (63 mm)

Inside diameter
1.1" (27 mm)

Max. operating temperature
302 °F (150 °C)

Max. differential pressures*
90 psid @ 86 °F (6.2 bar @ 30 °C)
80 psid @ 158 °F (5.5 bar @ 70 °C)
70 psid @ 212 °F (4.8 bar @ 100 °C)
50 psid @ 302 °F (3.4 bar @ 150 °C)

* Only fiberglass reinforced polyamide 6.6 inner core

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

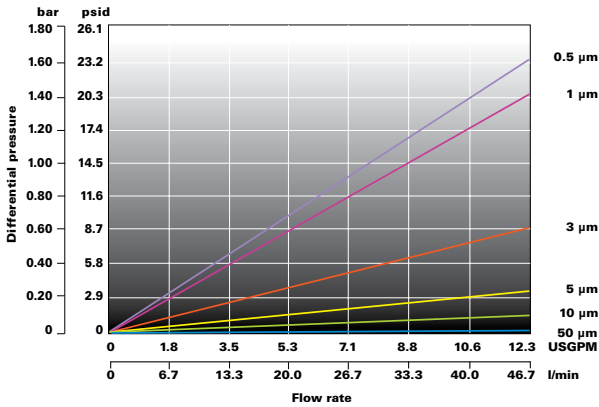


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Flow rate*

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



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

Ordering code

Adapter codes

- (): DOE without foamed polyamide 6.6 gaskets
- G: DOE with foamed polyamide 6.6 gaskets
- 1: SOE 226/Flat single open end
- 2: SOE 222/Fin single open end
- 3: SOE 226/Fin single open end
- 4: SOE 222/Flat single open end

Filter type

LTN: LOFTOP Nylon



Nominal lengths

- 9: 9.75"
- 10: 10"
- 20: 20"
- 29: 29.25"
- 30: 30"
- 40: 40"

Retention ratings

- 0.5 µm
- 1 µm
- 3 µm
- 5 µm
- 10 µm
- 20 µm
- 50 µm
- 120 µm

Absolute efficiency

(efficiency 99.98%)

O-rings

- (): Silicone
- B: Buna-N
- E: EPDM
- V: Fluorelastomer
- T: FEP encapsulated

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