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 100% high purity polyamide 6.6 fibers. The microfibers are control inflated to a support core and thermally bonded in one operation without additives.

Features and benefits
- Made of 100% high purity polyamide 6.6 fibers (melt blown)
- No binders or adhesives
- Excellent chemical and thermal compatibility
- Available in a variety of end cap/adapter 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
  (optional: stainless steel)
- End caps
  Polyamide 6.6
- O-rings
  Silicone (standard), Buna-N, EPDM, fluorelastomer, FEP encapsulated

Retention ratings
0.5, 1, 3, 5, 10, 20, 30, 50, 70, 90, 120 µm @ 99.98% efficiency

Technical data
- Nominal lengths
  (12.7, 24.7, 25.4, 49.5, 50.8, 74.3, 76.2, 99.1, 101.6 cm)
- Outside diameter
  2.5” (6.3 cm)
- Inside diameter
  1.1” (2.7 cm)
- Max. operating temperature
  150°C
- Max. differential pressures*
  6.2 bar @ 30°C
  5.5 bar @ 70°C
  4.8 bar @ 100°C
  3.4 bar @ 150°C
* Only fiberglass reinforced polyamide 6.6 inner core

Recommended differential change-out pressure for disposal
2.4 bar
LOFTOP nylon filter cartridges

Flow rate*
(Water, 21°C per 10” filter cartridge)

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

Ordering code

Adapter codes
- L: DOE without foamed polyamide 6.6 flat gaskets
- G: DOE with foamed polyamide 6.6 flat gaskets
- 1: 226/Flat single open end
- 2: 222/Fin single open end
- 3: 226/Fin single open end
- 4: 222/Flat single open end

Filter type
LTN: LOFTOP nylon

Nominal lengths:
- 5: 5"
- 9: 9.75"
- 10: 10"
- 19: 19.5"
- 20: 20"
- 29: 29.25"
- 30: 30"
- 39: 39"
- 40: 40"

Retention ratings:
- 0.5 µm
- 1 µm
- 3 µm
- 5 µm
- 10 µm
- 20 µm
- 30 µm
- 50 µm
- 70 µm
- 90 µm
- 120 µm

Absolute efficiency (efficiency 99.98%)

O-rings:
- I: Silicone
- B: Buna-N
- E: EPDM
- V: Fluorelastomer
- T: FEP encapsulated

Request a Quote Today!

For pricing and information please call
Commercial Filtration Supply at (855)-236-0467

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