



## Eaton's Filtration Division

Eaton's Filtration division is a leader in liquid filtration. We help our customers make liquid products clean and pure whether they are involved in processes like pharmaceutical, food and beverage, industrial water, petrochemicals, marine, automotive, municipal water, agriculture and construction equipment; or power generation from coal, natural gas, nuclear, hydropower and wind.

The product range comprises of:

- Cartridge filters and housings
- Filter bags and bag filter housings
- Depth filter sheets and plate and frame filters
- Stacked disc cartridges and housings
- Automatic self-cleaning and fabricated pipeline strainers
- Mechanically cleaned filters and strainers
- Gas liquid separators
- Hydraulic and lubrication oil filters and systems

For more than 50 years, Eaton filters have earned the confidence of thousands of satisfied users. Through innovation and design, we continue to meet the ever-growing and rigorous process demands of our manufacturing partners. In facilities around the world, you'll find Eaton filters used extensively in a variety of applications.

Eaton's filtration business combines worldwide engineering, manufacturing, technical sales support, and customer service into one focused business objective: Provide our customers with the optimum manufacturing or industrial filtration solutions.

## Our filtration experts

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**LOFTREX™ Nylon 6.6  
Melt-blown Filter Cartridge**

**New**

**Designed for  
high temperature and  
chemical exposure**



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## Eaton's filtration solution

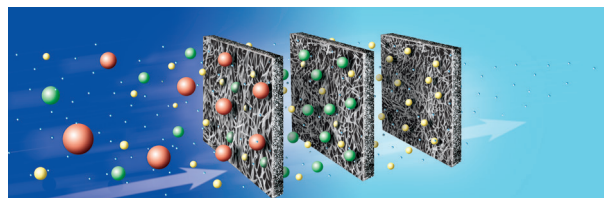
**LOFTREX Nylon 6.6 filter cartridges is a melt-blown depth filter with high temperature and chemical resistance properties.**

Eaton's LOFTREX Nylon filter cartridges are manufactured using the highest performance Nylon 6.6 polymers. Nylon 6.6 microfibers produce a melt-blown depth filter with exceptional performance properties.

This construction means that LOFTREX Nylon can withstand the most demanding applications in high temperature and chemical exposure applications. Its high temperature rating of 120 °C (248 °F) meets or exceeds most resin bonded type filters.

LOFTREX Nylon is resistant to a broad range of industrial chemicals making it suitable for applications in the chemical process industries, oil and gas and any other application demanding superior resistance to temperature and chemical exposure.

LOFTREX Nylon is available in a complete range of micron grades at 90% efficiency. Manufactured with no binders or adhesive agents, LOFTREX Nylon is one of the few nylon products on the market to maintain the FDA 21 CFR compliant rating.



Reliable particle removal with LOFTREX Nylon filter cartridges

## FEATURES AND BENEFITS

The innovative design and superior materials of LOFTREX Nylon 6.6 melt-blown filter cartridge ensure high performance filtration and quality results.

- Made of high purity polyamide 6.6 fibers (melt-blown)
- Excellent chemical and thermal compatibility
- Resistant to a broad range of chemicals
- Complete offering of micron grade 1 - 100 at 90% efficiency
- High dirt holding capacity and long service life
- Individually sealed in plastic foil
- FDA listed (U.S. CFR, Title 21) materials of construction with no epoxies, glues or adhesives

## APPLICATIONS

LOFTREX Nylon filter cartridge is designed and produced to meet the demanding requirements of these applications:

- Adhesives, Coatings and Inks
- Solvents and aqueous based paints
- Amines
- Glycol solutions
- Hydrocarbon (kerosene)
- Lacquers, emulsions and waxes
- Return condensate and high temperature fluids



## TECHNICAL DATA

Filter cartridge type	LOFTREX Nylon
Filter material	Polyamide 6.6
Retention rating (µm)	1, 3, 5, 10, 25, 50, 75, 100
Retention efficiency	90%
Lengths (nominal)	9.75", 10", 20", 29.25", 30", 40"
Adapter code	–
Inner core	–
End caps	–
Cages	–
Max. operating temperature	120 °C (248 °F)
Max. pressure difference in flow direction	2.5 bar at 21 °C (36 psid at 70 °F)

## INDUSTRIAL FILTER CARTRIDGE RANGE

Eaton's industrial process filter cartridges provide consistent, high performance and cost-effective solutions for both common and more challenging industrial applications, varying from pre-filter for high purity water up to final filtration for paints and lacquers, or total filtration for various chemicals.



Read more on industrial filter cartridges on [www.eaton.com/filtration](http://www.eaton.com/filtration)

