



LFX™ Series – Liquid Filtration Excellence Engineered for Results

LFX-NMO™ – Nylon Monofilament Mesh Filter Bags Product Highlights

Filtracore Asia's **LFX-NMO™ Nylon Monofilament Mesh Filter Bags** are designed for clarity-critical and hygienic applications where visual inspection, non-fibre shedding, and robust mechanical strength are essential. Constructed from **nylon monofilament mesh** (food-contact-compliant **variants available** per **FDA 21 CFR** and **EU 1935/2004 & 10/2011**), these bags provide precise surface filtration in the **5–1,200 µm** range, offering repeatable straining performance **with minimal media loading**.

The single-fibre woven structure ensures **non-shedding integrity with negligible fibre migration**, making LFX-NMO™ ideal for processes where downstream purity is paramount.



With high tensile strength and abrasion resistance, the bags withstand demanding operating conditions, delivering consistent performance across multiple industrial and sanitary environments.

Built to industry-standard trade sizes (#1–#4) with sealing options in moulded plastic (polypropylene or polyester) or metal snap-rings (stainless steel or galvanised steel), LFX-NMO™ integrates seamlessly into standard housings

from leading OEMs. For food and beverage use, **food-contact-compliant variants are available** (subject to certification), ensuring alignment with global procurement and regulatory requirements.

Precision Filtration. Hygienic Performance. Certified Quality.

Applications - LFX-NMO™ – Nylon Monofilament Mesh Filter Bags

- **Automotive & Engine Applications** – Coolant straining, final paint line protection
- **Cement & Asphalt** – Aggregate wash systems, admixture screening
- **Electronics & Semiconductor** – Plating solutions, chemical bath straining
- **Food & Beverage** – Coarse filtration of syrups, sauces, and liquids with particulates
- **Industrial Manufacturing** – Particle removal from paints, adhesives, emulsions
- **Marine** – Engine fluid pre-filtration, coarse straining applications
- **Metalworking & Surface Treatment** – Oil filtration, chip and debris removal
- **Mining & Mineral Processing, Plastics & Injection Moulding, Power Generation, Pulp & Paper, and other high-flow or coarse particulate straining processes.**



OEM Compatibility & Replacement Cross-Reference

LFX-NMO™ Nylon Monofilament Mesh Filter Bags are designed for industry-standard liquid bag housings and align with nylon mesh filter bag offerings from:

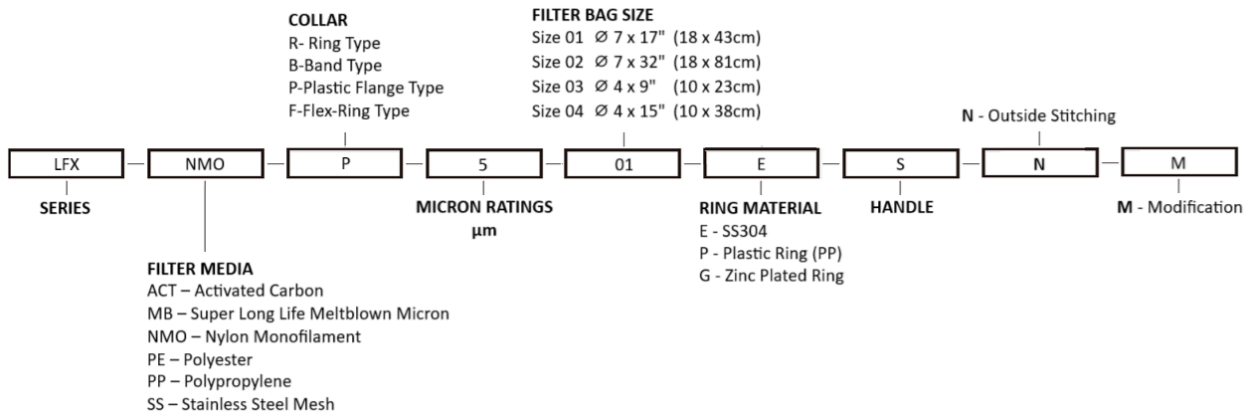
- **Eaton®** – Monofilament (NMO) Series.
- **Parker Hannifin®** – Fulflo® Nylon Monofilament Mesh Bags
- **Shelco®** – MicroSentry™ HTF Series (NMO variant)
- **Pall®** – Nylon Monofilament (NMO) Filter Bags

OEM systems upon request



Ordering Information - LFX-NMO™ – Nylon Monofilament Mesh Filter Bags

- **Bag Sizes:** Standard trade sizes #01, #02, #03, #04; custom dimensions available on request
- **Micron Ratings:** 5 µm to 1,200 µm (typical offerings: 5, 10, 25, 50, 100, 200, 400, 800, 1,200 µm)
- **Media Type:** Single-fibre woven nylon monofilament mesh for precise surface filtration
- **Seam Construction:** Sewn only with high-strength nylon or polyester thread for secure, fibre-free sealing
- **Top Options:** Polypropylene or polyester moulded collar; 304/316 stainless-steel or galvanised-steel snap-ring
- **Bottom Options:** Flat sewn disc (standard); other end configurations on request
- **Compliance:** Food-contact-compliant variants available (FDA 21 CFR; EU 1935/2004 & 10/2011), subject to lot-specific certification
- **Accessories:** Handles or pull tabs for easy change-out available on request



¹ Compatibility is based on standard monofilament micron ranges (25–800 µm), uniform mesh construction, and standard sizing (Size 01/02/03/04). Ensure correct selection of seam style, ring/flange type, and media strength based on application pressures.

All OEM product names are trademarks of their respective holders. Use of these names does not imply affiliation or endorsement. Compatibility is based on housing dimensions and functional equivalence. Images shown have been professionally enhanced for visual clarity. Actual product details and appearance may differ.



■ sales@filtracoreasia.com ■ www.filtracoreasia.com ■ +65 89-FILTER (+65 89-345837)

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