



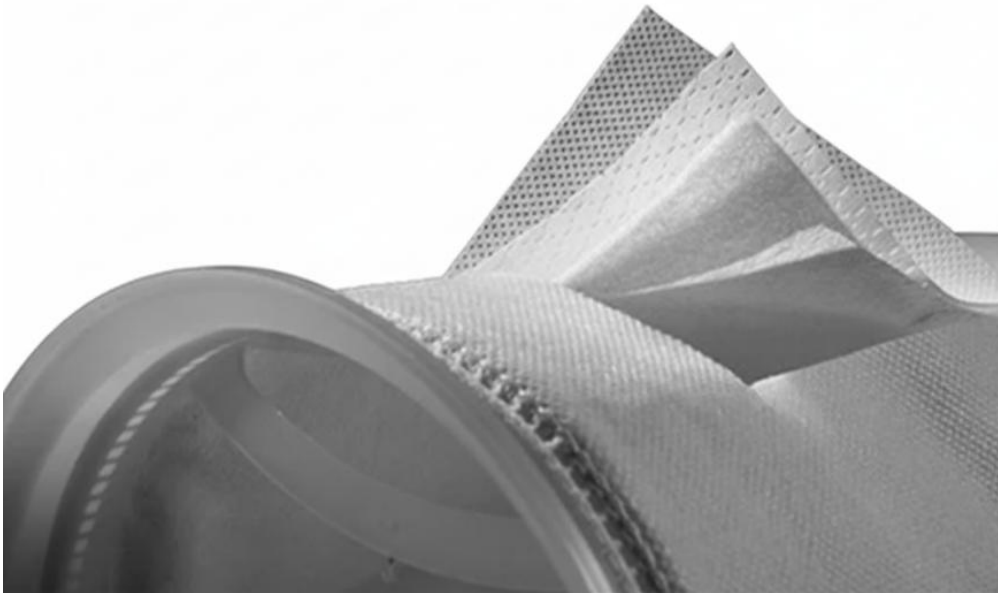
LFX™ Series – Liquid Filtration Excellence Engineered for Results

LFX-MB™ – Super Long-Life Meltblown Micron Filter Bags Product Highlights

Filtracore Asia's **LFX-MB™ Super Long-Life Meltblown Filter Bags** are engineered for high-efficiency particulate removal and extended service life. Each bag is constructed from multi-layer meltblown polypropylene media in a graduated-density configuration, where successive layers capture progressively finer particles throughout the depth of the media.

This depth-filtration design, available in a micron rating range from **1–150 µm (standard; coarser on request)**, delivers high dirt-holding capacity, stable retention efficiency, and

longer service intervals compared to conventional felt bags.



The bonded multi-layer structure also **minimises fibre migration and the risk of downstream contamination**, ensuring consistent effluent quality.

With a **controlled initial differential pressure (ΔP)** and extended service life, LFX-MB™ helps reduce downtime and procurement costs in high-load or fine-filtration applications.

Built to industry-standard trade sizes (#1–#4) with options for moulded plastic rings (polypropylene or polyester) or metal snap-rings (galvanized steel or stainless steel), LFX-MB™ integrates seamlessly with standard housings from major OEMs. For potable water, beverage, and food-processing environments, food-contact-compliant variants are available (FDA 21 CFR; EU 1935/2004 & 10/2011), supporting global procurement and regulatory requirements.

Layered Filtration. Longer Life. Trusted Performance.

Applications - LFX-MB™ – Super Long-Life Meltblown Micron Filter Bags

- **Automotive & Engine Applications** – Polishing of paint booth wash water, fine coolant filtration



- **Cement & Asphalt** – Water recycling with fine sediment removal
- **Electronics & Semiconductor** – Pre-filtration for ultrapure water systems, plating baths
- **Food & Beverage** – Syrup and ingredient polishing, fine particulate filtration

- **Industrial Manufacturing** – Polishing of emulsions, coatings, or lubricants
- **Marine** – Fuel water separator aqueous polishing stages
- **Metalworking & Surface Treatment** – Coolant polishing, anti-corrosion rinse purification
- **Mining & Mineral Processing** – Polishing of process water and tailings effluent
- **Plastics & Injection Moulding** – Clarification of resin dispersions and additives
- **Power Generation** – Fine condensate polishing, turbine pre-filtration
- **Pulp & Paper** – High-clarity coating and white-water loop final filtration
- **Textiles & Dyeing** – Post-dye bath polishing, water reuse applications
- **Water Treatment & Desalination** – Pre-RO barrier stage, or final clarity assurance, and other demanding industrial applications.

OEM Compatibility & Replacement Cross-Reference

LFX-MB™ Super Long-Life Meltblown Filter Bags align in design and functionality with leading extended-life melt-blown bag families, including:

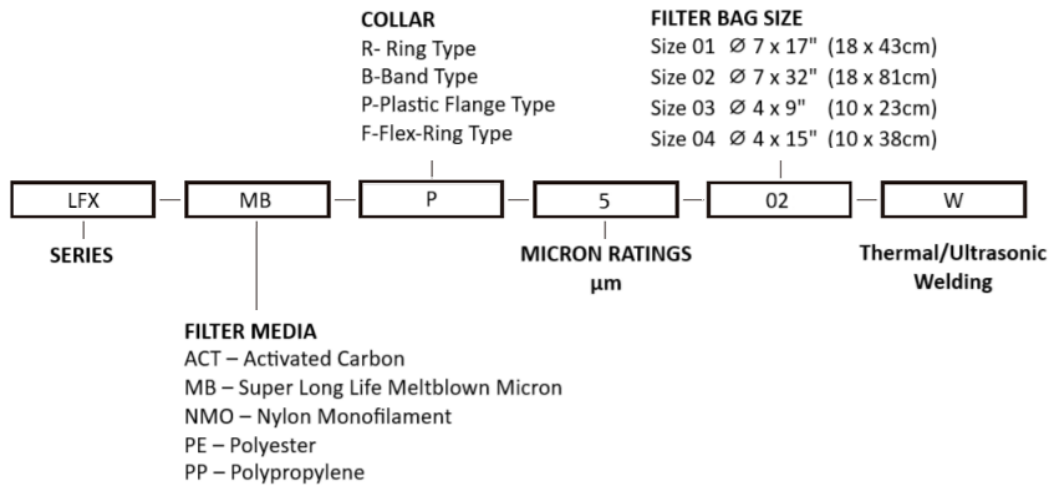
- **Eaton®** – LOFCLEAR™ 100 & 500 Series
- **Shelco®** – MicroSentry™ HTF Series

Other compatible OEM systems upon request



Ordering Information - LFX-MB™ – Super Long-Life Meltblown Micron Filter Bags

- **Bag Sizes:** Standard trade sizes #01, #02, #03, #04; extended-length versions (e.g., 32 in / 810 mm) and custom dimensions available on request
- **Micron Ratings:** 1–150 µm nominal (typical offerings: 1, 5, 10, 25, 50, 75, 100, 150 µm)
- **Media Type:** Multi-layer meltblown polypropylene depth media with graduated-density construction
- **Seam Construction:** Fully welded (standard) or sewn as required for specific housings
- **Top Options:** Polypropylene or polyester moulded collar (standard); 304/316 stainless-steel or galvanised-steel snap-ring available
- **Bottom Options:** Flat welded disc (standard); other configurations available 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 easier change-out; lot/batch traceability on request



¹ Compatibility is based on standard Size 01/02/03/04 bag formats with multi-layer polypropylene meltblown depth media and nominal ratings from 1–50 µm. Performance equivalence is subject to housing design, pressure drop tolerances, and actual system conditions.

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