



CleverFilter®
THE FILTRATION PEOPLE

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BAG FILTER

Monofilament Mesh Filter Bags from Plastic - FDA

Features

- Exclusively FDA compliant monofilament mesh
- Free from crater forming substances (i.e. Silicone)
- Nominal retention rates: 25 µm – 800 µm
- PP, PE or metal ring as bag sealing
- Excellent chemical compatibility
- Thermally bonded monofilament
- Recommended change out pressure differential 0.10 MPa – 0.16 Mpa (1.0 bar – 1.6 bar)



Benefits

- **Easy Installation** – no tools required
- **Double Sealing** – plastic collars designed to provide additional safety against bypasses
- **Stable Material Composite** – both stable and flexible filter bags for better alignment to the restrainer basket
- **Available Sizes** – all standard but also customized sizes for an optimal process adaptation
- **Low Disposal Cost** – to further improve economics

Applications

- Automotive Industry
- Water Treatment
- Pharmaceuticals
- Food and Beverage
- Chemical Industry
- Paints and Varnishes
- Many Others





Product Categories: Plastic Monofilament Filter Bags (FDA-compliant)

1. **NLM** Nylon monofilament filter bag
2. **PEM** Polyester monofilament filter bag
3. **PPM** Polypropylen monofilament filter bag

Technical Data

Sizes	Material	Seam Treatment	Length [mm]	Ø [mm]	Filter Area [m²]	Volume [l]	Housings e.g.
size 1	PP, PE, Nylon	stitched	420	180	0.25	8	HEXB23, HTWB23
size 2	PP, PE, Nylon	stitched	820	180	0.50	17.5	HEXB45, HTWB45
size 3	PP, PE, Nylon	stitched	230	100	0.09	1.5	HEXB6, HTWB6
size 4	PP, PE, Nylon	stitched	380	100	0.15	2.5	HEXB10, HTWB10
size 5	PP, PE, Nylon	stitched	510	150	0.25	8	HPPB23, HSSB23

Product Code

NLM – 100 – SE – SS – 2

Material (FDA-compliant):

NLM : Nylon Monofilament
PEM : Polyester Monofilament
PPM : Polypropylen Monofilament

Retention rate nominal [µm]:

25 ; 35 ; 45 ; 55 ; 65 ; 75 ; 100 ; 125 ; 150 ;
175 ; 200 ; 250 ; 300 ; 400 ; 600 ; 800 ; 1200

SE: stitched seam

Bag size Ø * L [mm]:

1 : 180 * 420
2 : 180 * 820
3 : 100 * 230
4 : 100 * 380
5 : 150 * 510

Bag sealing:

SS : galvanized carbon steel ring
ST : stainless steel ring
ELK : PE plastic collar
PLK : PP plastic collar
Other types on request

