

NMO - PEMO - POMO monofilament filter bag

For a wide number of filtration applications Global Filter filter bags are an easy to use and economical choice. Global Filter woven monofilament filter bags are mainly employed where accurate straining is required. The precisely woven non-fibre shedding material results in a very consistent filter quality. The Global Filter monofilament bags are available as standard in polypropylene, polyester or nylon with different micron ratings.

Sealing System

- In order for bag filters to function properly, especially with smaller pore sizes, a good seal between bag and support basket is of great importance. For this reason Global Filter has two options.
- The Snap-Collar; a felt-covered metal ring which clicks neatly into the upper collar of the support basket. The felt serves as the sealing. Snap-Collar is equipped with two handles; one on the outside part of the bag and one on the centre part.
- The plastic flange type (with handles) which tightly fits into Global Filter standard baskets. The plastic flange has integrated handles and one on the centre part.
- For open systems (uses outside a filter housing) the filter bags can also be supplied without any ring (thus no integrated means of fastening) or with a pull cord only.

Typical Applications

- General chemical
 - Food & beverage
 - Process water
 - Industry
- Coating & paints



Features

- The standard amaFlow filter bags are sized to fit into our baskets and housings. However, our filter bags will also fit into most other housings.
- Bags are quick and easy to change-out.
- Inside-out flow keeps contaminants enclosed in the bag.
- Maximum Temperature : 93°C if correct flange/ring is selected
- The amaFlow monofilament filter bags are all sewn.
- Special sizes are available on request.
- An additional bias tape is used as standard on the finer grades of NMO (nylon) and PEMO (polyester) for better sealing of seams.
- The coarser grades of NMO ($\geq 250 \mu\text{m}$) have a triple stitched side seam, resulting in an extra strong bag.
- Filter bags and bag filter housings are usually employed as closed systems, but open or end-of-pipe applications are available alter-natives.
- Bags are produced in a silicone free environment.
- Materials used for Global Filter NMO comply with the European Regulation EC1935/2004 and EU10/2011 (Materials that come in contact with food) and comply with under applicable section of the US Food and Drugs Administration(FDA).

Ordering Information

Type	Rating (μ)	Finish	Bag Dimension	Ring/Flange	Additional handle
NMO = nylon	NMO = 1, 5, 10, 25, 35, 50, 75, 100, 125, 200, 250, 300, 400, 600, 800, 1000, 1200	P = Plain	1 = size 1 (178x432mm)	E = Polyester flange (for AP)	BT=Bias tape (as standard on specific seams for NMO + PEMO $\leq 200 \mu\text{m}$ bags)
PEMO = polyester	POMO = 50, 100, 150, 200, 300, 400, 600, 800, 1000		2 = size 2 (178x800mm)	S = Carbon steel ring (Snap-Collar)	
POMO = polypropylene	POMO = 50, 100, 150, 200, 300		other size on request	SS = Stainless steel AISI 304 ring (snap collar) for AP and SP	
T = PTFE	T = on request			PO = Polypropylene ring (Snap-Collar, POMO only)	
				T = PTFE ring (Snap-Collar, T only)	
				N = No ring	
				DS = Draw string	

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required.

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