

## amaFlow monofilament filter bag NMO – PEO – POMO – T

For a wide number of filtration applications amaFlow filter bags are an easy to use and economical choice. amaFlow 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.

### 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.
- 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 PEO (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 alternatives.
- Bags are silicone free and are produced in a silicone free environment.
- Materials used for amaFlow NMO comply with the European Regulation EC1935/2004 and EU10/2011 (Materials that come in contact with food).

### Bag filter housing

Filtration Group supplies a wide range of bag filter housings in different materials, dimensions and models to meet your demands.

For detailed information about bag filter housings, please see the respective data sheets or visit [www.ama-lfc.com](http://www.ama-lfc.com)



### Typical applications

- General chemical
- Food and Beverage
- Process water
- Ink industry
- Paints
- Coatings

### Types

The amaFlow monofilament bags are available as standard in polypropylene, polyester or nylon with different micron ratings. Other materials such as PTFE are available on request.

Monofilament filter bag can be supplied with an optional handle strap. Filter bags with P flange have standard two handles in flange (size 3, 4: one handle).

### 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 we have two options:

- The Snap-Collar; a felt-covered metal or plastic ring which clicks neatly into the upper collar of the support basket. The felt serves as the sealing.
- The plastic flange (with handles) which tightly fits into our standard baskets.

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

The filter bag must be properly mounted into the support basket before starting the filtration process.

Filtration Group can support you regarding the chemical compatibility of the filter media.

→ [www.ama-lfc.com](http://www.ama-lfc.com)

## Ordering information

Example                    P E M O - 0 0 5 0 - P 2 - S S - H S - B T

### 1 Type

NMO	=	Nylon
PEMO	=	Polyester
POMO	=	Polypropylene
T	=	PTFE

### 2 Micron rating [µm]

NMO	=	1, 5, 10, 25, 35, 50, 75, 100, 125, 200, 250, 300, 400, 600, 800, 1000, 1200
PEMO	=	50, 100, 150, 200, 300
POMO	=	50, 100, 150, 200, 300, 400, 600, 800, 1000
T	=	Micron rating on request

### 3 Finish

P	=	Plain
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### 4 Bag dimensions

1	=	Size 1 (Ø 178 x 432 mm)
2	=	Size 2 (Ø 178 x 800 mm)
		<i>Other dimensions on request possible</i>

### 5 Ring/Flange

S	=	Carbon steel ring (Snap-Collar)
SS	=	Stainless steel AISI 304 ring (Snap-Collar)
PO	=	Polypropylene ring (Snap-Collar, POMO only)
E	=	Polyester flange
T	=	PTFE ring (Snap-Collar, T only)
N	=	No ring
DS	=	Draw string

### 6 Additional handle

BT	=	Bias tape (as standard on specific seams for NMO + PEMO ≤ 200 µm bags)
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