

amaFlow multifilament filter bags

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

amaFlow woven multifilament filter bags are mainly employed where straining is required.

The woven non-fibre shedding material is a low cost filter bag alternative.

Features

- Bags are quick and easy to change-out. Inside-out flow keeps contaminants enclosed in the bag.
- Bags are silicone free and are produced in a silicone free environment.
- Filter bags and bag filter housings are usually employed as closed systems, but open or end-of-pipe applications are attractive alternatives.
- The standard amaFlow filter bags have sizes to fit into amafiltergroup baskets and housings, but will also fit into most other housings. Special sizes are available on request.

Types

The amaFlow multifilament bags are available in nylon or polyester with many different micron ratings.

The amaFlow filter bags seal with either a Snap-Collar seal comprising of either carbon steel, stainless steel or polypropylene or with a plastic seal flange. 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.



Description

The amaFlow multifilament filter bags are all sewn.

The filter bag can be supplied with an optional handle strap.

Filter bags with P flange have standard two handles in flange (size 3, 4, 30, 65: 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 amafiltergroup has 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 seal flange (with handles and felt cover) which tightly fits into our standard baskets.

amafiltergroup and CSS approach

amafiltergroup is serving the industry on a world wide basis with **Consumables**, **Services** and **Systems**.

We can offer a wide range of filtration solutions, making the amafiltergroup approach very flexible, thus enabling us to meet the customer requirements precisely.



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Temperature and chemical resistance

Filter bag grade	NMU nylon	PEMU polyester	
Max. temperature [°C]	100	150*	* 100 °C for polypropylene ring / flange
Resistance to:			+++ = excellent ++ = good + = fair - = bad
inorganic acids	-	++	
organic acids	+	++	
alkalines	+++	+	
oxidising agents	-	++	
solvents	+++	+++	
vegetable / animal oils	+++	+++	
micro-organisms	+++	+++	

Ordering code

amaFlow	NMU	100	P	2	S	
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Material NMU : nylon PEMU : polyester	Handle HS : handle strap (standard on size 30 and 65 for S, SS and PO ring)
Micron rating [µm] NMU : 100T, 150, 200, 250, 300, 400, 600, 800, 1200, 1500, 6000 PEMU : 100T, 150, 200, 250, 300, 400, 600, 800	Ring / seal S : carbon steel ring (Snap-Collar) SS : stainless steel AISI 304 ring (Snap-Collar) PO : polypropylene ring (Snap-Collar) P : polypropylene flange (size 1, 2) polyethylene flange (size 3, 4, 30, 65) N : no ring DS : draw string
Finish P : plain	
Bag dimensions 1 : size 1 (Ø 178 x 432 mm) 2 : size 2 (Ø 178 x 787 mm) 3 : size 3 (Ø 104 x 203 mm) 4 : size 4 (Ø 104 x 356 mm) 30 : size 30 (Ø 106 x 254 mm) 65 : size 65 (Ø 106 x 559 mm) <i>Other dimensions are available on request</i>	