

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. Insideout 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.

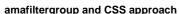
The filter bag can be supplied with an optional handle strap.

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 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.



page 1 of 2



amaFlow multifilament filter bags

Temperature and chemical resistance

Filter bag grade	NMU nylon	PEMU polyester	
Max. temperature [°C]	100	150*	* 100 °C for polypropylene ring / flange
Resistance to:			
inorganic acids	-	++	
organic acids	+	++	+++ = excellent
alkalines	+++	+	++ = good
oxidising agents	1	++	+ = fair
solvents	+++	+++	- = bad
vegetable / animal oils	+++	+++]
micro-organisms	+++	+++	

Ordering code

Material Handle NMU : nylon HS

Micron rating [µm]

NMU: 100T, 150, 200, 250, 300, 400,

600, 800, 1200, 1500, 6000

PEMU: 100T, 150, 200, 250, 300, 400,

600,800

: polyester

Finish

PEMU

: plain

Bag dimensions

: size 1 (Ø 178 x 432 mm) : 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) : size 65 (Ø 106 x 559 mm)

Other dimensions are available on request

: handle strap (standard on size 30 and

65 for S, SS and PO ring)

Ring / seal

S : carbon steel ring (Snap-Collar)

stainless steel AISI 304 ring (Snap-Collar) SS

PO : polypropylene ring (Snap-Collar) Р : polypropylene flange (size 1, 2) polyethylene flange (size 3, 4, 30, 65)

Ν : no ring DS : draw string

page 2 of 2