

## Filter bag

### amaFlow POMF

#### 1. Introduction

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

The highly efficient amaFlow POMF bags are suited for a wide range of applications, from food to automotive and chemical. Filtration Group bag filters are excellent for use in the filtration of liquids containing higher concentrations of coarse solids. They are particularly beneficial when handling batches of (various) liquids. They are also especially suitable for end filtration or polishing of liquids with extremely low concentrations of solids.



#### 2. 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.
- Materials used comply with FDA requirements for food and beverage contact.
- Highly efficient all polypropylene construction, suitable for a wide range of applications.
- The standard amaFlow filter bags are sized to fit into our baskets and housings, but will also fit into most other housings.

#### 4. Sealing systems

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 the plastic flange (with handles) which tightly fits into our housings.

#### 3. Description

amaFlow POMF bags are made with fine melt blown material. Next to excellent filtration properties this also gives good oil absorbing properties.

The different layers are graduated to give best performance. The amaFlow POMF bags are equipped with our polypropylene seal flange. The two built-in handles allow easy bag removal.



## 5. Temperature and chemical resistance

Filter bag grade	POMF	
	polypropylene	
Max. temperature [ °C]	95	
resistance to:		
inorganic acids	++	+++ = excellent
organic acids	+++	++ = good
alkalines	++	+ = fair
oxidising agents	+	- = not recommended
solvents	++	
vegetable/animal oils	+++	
micro-organisms	+++	

## 6. Order code

Example

amaFlow	POMF	10A	P	2	P
<b>Grade</b>	POMF				
<b>Micron rating [µm]</b>					
1A = 1					
2A = 2					
5A = 5					
10A = 10					
25A = 25					
<b>Finish</b>					
P = standard					
<b>Bag dimensions</b>					
1 = size 1 (Ø 178 x 432 mm)					
2 = size 2 (Ø 178 x 787 mm)					
<b>Ring/seal</b>					
P = polypropylene flange					