

MAHLE

Industry

Filter bag
amaFlow Added area

1. Introduction

For a wide number of filtration applications amaFlow filter bags are a simple, easy to use and economical choice. The added area filter bags have a filtration area which is approximately 2/3 times higher than for standard size filter bags. This leads to longer bag life and less bag change outs. Our 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.



6. Temperature and chemical resistance

Filter bag grade	AP, PEXL polyester	SP, POXL polypropylene	
Max. temperature [°C]	150*	100	
resistance to:			+++ = excellent ++ = good + = fair - = not recommended
inorganic acids	++	++	
organic acids	++	+++	
alkalines	+	++	
oxidising agents	++	+	
solvents	+++	++	
vegetable/animal oils	+++	+++	
micro-organisms	+++	+++	

* 100 °C for polypropylene ring / flange

8. Order code

Example

<i>amaFlow</i> AP	10	S	2	S	HS	AA
Material AP = polyester felt PEXL = polyester extended life felt SP = polypropylene felt POXL = polypropylene extended life felt						
Micron rating [μm] AP : 0.8, 1, 3, 5, 10, 25, 50, 75, 100, 150, 200 PEXL : 1, 5, 10, 25, 50, 75, 100 SP : 0.8, 1, 3, 5, 10, 25, 50, 75, 100, 150, 200 POXL : 1, 5, 10, 25, 50, 75, 100						
Finish P/S = standard for SP + POXL (with improved outer surface: thermally treated) S = outside thermally treated (AP + PEXL)						
Bag dimensions 2 = size 2 (\varnothing 178 x 787 mm)						
Ring/seal S = carbon steel ring (Snap-Collar) (AP, SP) SS = stainless steel AISI 304 ring (Snap-Collar) (AP, SP) PO = polypropylene ring (Snap-Collar) (AP, SP) P = polypropylene flange						
Handles HS = two handle straps, from same material as needed felt (P: no code)						
Configuration AA = added area bag						

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02/2013