

Needle felt filter bag



Needle felt has a threedimensional filterstructure that has filtering propertys not just on the surface, but also in depth. This means there is an ideal combination of surface and depth filtration.

There are different materials (Polyester, Polypropylen) and sizes (surface area of 0,10 m² up to 0,50 m²) available that allow the best possible combination for every application (media, temperature, flow rate).

Filter bags come with an sewn in steel or plastic sealing ring.

As an alternative to the filter bags we also offer highperformance filterelements MHF, that have a higher filter area as well as a higher seperation rate.

Technical data

Filtermedia:	Polypropylen, polyester
Sealing collar:	Polypropylen, galvanized steel, high carbon steel, polyester/polyethylen
Micron rating (in µm):	1, 5, 10, 25, 50, 75, 100, 150, 200
Operating temperature:	<u>Polypropylen:</u> 80°C
	<u>Polyester:</u> 120°C

Dimensions

Size	Steel Collar		Plastic Collar	
	Ø in mm	Length in mm	Ø in mm	Length in mm
1	180	410	180	420
2	180	810	180	820
3	105	220	105	230
4	105	370	105	380
5	-	-	150	550

Order Information

Material fabric		Micron rating in µm		FDA comformity		Material Collar		Surface area	
PP	Polypropylen	1	75	F	With FDA conformity	P	Polypropylen (only with PP fabric)	1	0,25 m ²
PO	Polyester	5	100	NF	No FDA conformity	SV	Galvanized steel	2	0,50 m ²
		10	150			ES	High carbon steel	3	0,10 m ²
		25	200			PO	Only with PO fabric: Polyester (With no FDA) Polyethylen (With FDA)	4	0,15 m ²
		50						5	0,20 m ² (Size 5 only PP fabric with PP ring)

Order Example: PP50-F-P4