

Fabric Filter Elements

As standard, the fabric filter elements consist of an inner and outer support body, an outer fabric stocking and two end caps with flat seals or O-rings.

The elements are available in 9 different standard lengths, but can also be manufactured in any other length up to max. 1016 mm.

Our fabric filter elements are available in 2 material variants (fabric stocking, support tubes and end caps made of 100% polypropylene or 100% polyamide) and in 12 different fineness's. For both variants, different sealing materials are available as flat seals and as O-rings.

Through the use of different adapters, all versions can be used in almost all common filter housings.

The flow direction of the elements is from outside to inside. If the fabric filter elements are to be backwashed when installed, we recommend backwash protection to prevent the fabric stocking from tearing open.



Technical specifications

Initial differential pressure in the pure state	0,1 - 0,3 bar
Recommended differential pressure for a filter change	1,5 - 2,0 bar
Permissible final differential pressure	2,5 bar
application areas	

- ✓ Water treatment
- ✓ Chemical industry
- ✓ Pharmaceutical Industry
- ✓ electroplating / surface treatment
- ✓ Beverage and food industry
- ✓ Electronics industry
- ✓ Paint and coatings industry
- ✓ Cosmetic industry
- ✓ Petroindustry
- ✓ Photo industryUmwelttechnik
- ✓ Air and gas filtration

Flow rate in l / min at a differential pressure of 0.2 bar based on water (1 cp)

µm	25	50	100	150	200	250	300	400	500	600	800	1000
10"	30	60	75	75	90	90	90	90	90	90	90	90
20"	60	90	90	90	90	90	90	90	90	90	90	90
30"	90	90	90	90	90	90	90	90	90	90	90	90
40"	90	90	90	90	90	90	90	90	90	90	90	90

Due to the inside diameter of the filter elements, the flow rate is limited to max. 90 l / min.

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Ordering Information

Product group	Filter material	Porosity	Length	Adapter	Seal	Other
GFE	PP	0100	010	01	N	RS

Product group	GFE					
Filter material	PP 100% Polypropylene		max. 90°C			
	PA 100% Polyamid		max. 140°C			
Porosity (nominal)	0025 25 µm	0200 200 µm	0500 500 µm	0050 50 µm	0250 250 µm	0600 600 µm
	0100 100 µm	0300 300 µm	0800 800 µm	0150 150 µm	0400 400 µm	1000 1000 µm
Length	005 5" (127 mm)	019 19 ½" (495 mm)	030 30" (762 mm)	009 9 ¾" (248 mm)	020 20" (508 mm)	039 39" (991 mm)
	010 10" (254 mm)	029 29 ¼" (743 mm)	040 40" (1016 mm)			
Diameter	Outside 65 mm	Inside 27 mm				
Adapter	01 beidseitig DOE mit Flachdichtungen 03 Doppel-O-Ring-Adapter 222 und Abschlusskappe 08 Doppel-O-Ring-Adapter 222 und Zentrierspitze 07 Doppel-O-Ring-Adapter 226 und Zentrierspitze 02 Doppel-O-Ring-Adapter 226 und Abschlusskappe					
Seal	N NBR	E EPDM				
	S Silikon	V Viton				
Other	RS Rückspülschutz					