

Screen filter elements

The **screen filter elements** consist of a support body, a screen element, a screw cap and two flat seals.

The filter lengths 496 mm and 508 mm consist of two support bodies that are screwed together using an intermediate piece. Two screen elements are required for this.

This structure makes it possible that when a filter change is necessary, only the screen element exposed to dirt has to be replaced and disposed of or cleaned. The remaining parts of the screen filter elements are reusable.

The support body and the screw cap are made of polypropylene, the screen elements are made of porous polyethylene or polyamide, depending on the fineness, the flat seals in the standard version are made of Perbunan.

The **screen filter elements** are manufactured without the addition of binding agents or wetting agents. For better differentiation, the different subtleties of the polyamide elements are color-coded.



Application areas

- ✓ Water treatment
- ✓ Chemical industry
- ✓ Pharmaceutical Industry
- ✓ Electroplating
- ✓ Surface treatment
- ✓ Beverage industry
- ✓ Food industry
- ✓ Electronics industry
- ✓ Paint and lacquer industry
- ✓ Cosmetic industry
- ✓ Petro-industry
- ✓ Environmental engineering

Technical specifications

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

Flow rate in l / min with one Differential pressure of 0.2 bar based on water (1 cp)

Porosity µm	248, 250, 254 mm long	496, 508 mm long
10	10	20
25	30	60
50	60	90
100	75	90
150	75	90
200	90	90
350	90	90

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

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Ordering information (support body without sieve elements)

Product group	Material	Length	Seal
SFKS	PP	254	P

Product group	SFKS			
Material	PP	Polypropylene max. 70°C		
Length	248 250 254	248 mm 250 mm 254 mm	496 508	496 mm 508 mm
Diameter	Outside		65 mm	Inside 27 mm
Seal	P S	Perbunan Silicone		Viton

Ordering information (screen elements without support body)

Product group	Filter material	Porosity	Length
SFKE	PA	050	228

Product group	SFKE			
Material	PE	Polyethylene	PA	Polyamide
Porosity (nominal)	010 025	10 µm (PE) 25 µm (PE)	050 100 150 200 350	50 µm (PA, white) 100 µm (PA, blue) 150 µm (PA, brown) 200 µm (PA, green) 350 µm (PA, gray)
Length	228 228 mm			