

Filter Housings (F10-Series)

Our plastic filter housings of the **F 10-series** can be used both for cleaning liquids and for cleaning gases. They consist of a polypropylene head and a bottom made of Trogamid (transparent) or polypropylene (blue). Nylon screening elements and elements made of sintered polyethylene with different degrees of fineness can be built into the housings, resulting in a broadly spread field of application. The polyethylene element needs a support shell, whereas the nylon screening element can be directly built into the filter head. The O-ring, which is located at the top of the filter sump, always guarantees a secure sealing. A fastening bushing (M6) in the filter head is used for simple installation.



Applications

- ✓ Laboratory and analytical area
- ✓ Medical technology
- ✓ Microbiology
- ✓ Chemical industry
- ✓ Pharmaceutical industry
- ✓ Paint and coatings industry
- ✓ Pneumatics / hydraulics
- ✓ Gas filtration

Technical information

Type	Material (head/ bottom)	Sealing material	Connections (inlet and outlet)	Available with outlet	max. operating pressure (bar)	max. temperature (°C)
F 10 PP	PP / PP	P, V, E	1/4" IG	No	10 (30°C)	70 (5 bar)
F 10 TP	PP / TR	P, V, E	1/4" IG	Yes	10 (30°C)	70 (5 bar)

Legend: PP = Polypropylene, TP = transparent sump, TR = Trogamid, IG = internal thread, P = Perbunan, V = Viton, E = EPDM

Material selection of filter elements	Filter fineness (µm)	Output in l/h at an initial differential pressure of 0.2 bar based on water (1 cSt)
Polyethylene	5	60
Polyethylene	10	100
Polyethylene	25	160
Nylon fabric	50	180
Nylon fabric	100	240
Nylon fabric	150	280
Nylon fabric	200	320
Nylon fabric	350	380

Ordering information

Series	Material	Sealing	Connection	Outlet
F10	TP	P	1/4"	A



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