

Filter Housings (F20-Series)

Our plastic filter housings of the **F 20-series** consist of a filter head, a union nut and a filter sump. The O-ring lying in the filter sump always guarantees a secure sealing. Filter housings are available with drain screw. The fastening bushings (M6) in the filter head are used for simple installation. Several filter elements with different grades of fineness can be used, which results in a wide range of applications. Independently from the filter elements (polyethylene, nylon fabric), the housings are equipped with a support shell to take up these elements.



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 20 PP	PP / PP	P, V, E	1/4", 3/8", 1/2" IG	Yes	10 (30°C)	70 (5 bar)
F 20 TP	PP / AS	P, V, E	1/4", 3/8", 1/2" IG	Yes	10 (30°C)	70 (5 bar)

Legend:

PP = Polypropylene, TP = transparent sump, AS = Acryl-Styrene, 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	140
Polyethylene	10	210
Polyethylene	25	350
Nylon fabric	50	440
Nylon fabric	100	540
Nylon fabric	150	620
Nylon fabric	200	680
Nylon fabric	350	800

Ordering information

Series	Material	Sealing	Connection	Outlet
F20	PP	P	1/2"	A



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