

Microfilter

FDF-Type



Developed for industrial applications

Microfilters are used as pre-filters for the efficient and continuous removal of solids such as rust, sand and other particulates from aviation fuels and hydrocarbons. Microfilters are highly efficient and thus cost effective due to their large filter surfaces area

FDF-Type microfilters are used for diesel filtration.

Application Areas

- Tank farms and gas stations
- Ships and loading terminals
- Mining industry
- Refineries

Technical Data

• Nominal filtration:	5, 10, 15, 20, 25 & 40 µm
• Flow direction:	Out-to-in
• Change-out differential pressure:	1.5 bar (22 psi)
• Maximum pressure differential rating:	5.2 bar (75 psi)
• Service time (max.):	12 months ¹⁾
• Storage time (max.):	60 months ^{1) 2)}
• Operating temperature:	Min. -30°C (-22°F) / Max. 80°C (176°F)

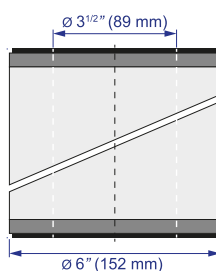
1) Manufacturer recommendation

2) Manufacturer recommendation: 20°C and max. 50% humidity after date of shipment out of stock of GmbH

Standard Design

- Outside diameter: 152 mm (6 inch)
- Center tube: Epoxy-coated steel
- Gaskets: NBR (Buna-N)
- End caps: Polyamide, reinforced glass fibre / Epoxy-coated steel

Element Code



End Cap Design 4

Element Selection

Flat Sealed (Open End)			
Nominal filtration (µm)	Nominal Length L		End cap design
	mm	inch	4
5, 10, 15, 20, 25 & 40 µm	364	14	FDF-6-14-X
	729	29	FDF-6-29-X
	844	33	FDF-6-33-X
	1094	44	FDF-6-44-X
	1422	56	FDF-6-56-X