Microfilter Element

Non EI-Type (6 inch)

FILTER ELEMENTS

Developed for aviation and 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 used in refineries, terminals and bulk fuel depots, primarily as pre-filters to lengthen the service life of downstream coalescer elements in filter/water separators. Microfilters are highly efficient and thus cost effective due to their large filter surfaces area. Microfilters are suitable for filtration of lubricating and hydraulic oils.

Application Areas

- Transfer stations
- Bulk fuel depots
- Refineries
- Filtration of lubricating & hydraulic oils

Technical Data

• Nominal filtration:	.5, 1, 2, 5, 15, 30 & 40 µm
• Flow direction:	Out-to-in
• Change-out diffrential pressure:	1.5 bar (22 psi)
• Maximum pressure diffrential rating:	5.2 bar (75 psi)
• Service time (max.):	120 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
- Protective outer wrap

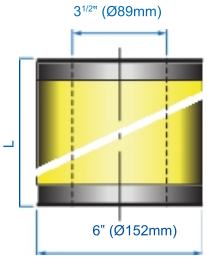
Element Code

2.4-1130

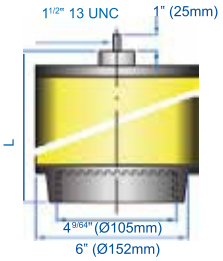
Nominal Filtration in micron (µm)

End Cap Design

Nonimal Length in mm



End Cap Design 4



End Cap Design 7

Element Selection

Nominal Filtration	Flat Sealed (Open End)			Screw/ Threaded Base		
	Nominal Length L		End Cap Design	Nominal Length L		End Cap Design
µ m	mm	inch	4	mm	inch	7
.5	559	22	0.5.4-559			
.5	727	29	0.5.4-727			
.5	1111	44	0.5.4-1130	1117	44	0,5.7-1130
1	727	29	1.4-727			
1	1111	44	1.4-1130	1117	44	1.7-1130
2	362	14	2.4-362			
2	727	29	2.4-727	761	30	2.7-727
2	1111	44	2.4-1130	1117	44	2.7-1130
5	362	14	5.4-362	362	14	5.7-362
5	727	29	5.4-727			
5	1111	44	5.4-1130	1117	44	5.7-1130
15	362	14	15.4-362			
15	727	29	15.4-727			
15	1111	44	15.4-1130			
30	362	14	30.4-362			
30	1111	44	30.4-1130			
40	362	14	40.4-362			
40	1111	44	40.4-1130			

FILTER ELEMENTS