

Microfilter

EIMF-Type (4 inch)



Qualified to specification EI 1590 3rd Edition

Microfilters are used as pre-filters for the efficient and continuous removal of solids such as rust, sand and other particulates from aviation fuels.

Microfilters are used in refineries, terminals and airport 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 AVGAS.

Application Areas

- Airports
- Transfer stations
- Bulk fuel depots
- Refineries
- General Aviation

Technical Data

- | | |
|---|--|
| • Nominal filtration: | According to EI 1590 3rd Edition |
| • 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.): | 60 months ¹⁾ |
| • Storage time (max.): | 60 months ^{1) 2)} |
| • Operating temperature: | Min. -30°C (-22°F) / Max. 80°C (176°F) |

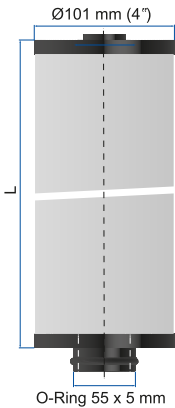
1) Manufacturer recommendation

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

Standard Design

- Outside diameter: 101 mm (4 inch)
- Center tube: Polyamide, reinforced glass fibre
- Gaskets: NBR (Buna-N)
- End caps: Polyamide, reinforced glass fibre
- Labeling on end caps: According to EI specification
- Protective outer wrap

Element Code



End Cap Design 1

Element Selection

Nominal Filtration	Nominal Length L		End Cap Design	Max. Flow Rate	
μm	mm	inch	1	lpm	USgpm
3	559	22	EIMF3.1-559	230	60