

Microfilter Element

Non EI-Type (4 inch)



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

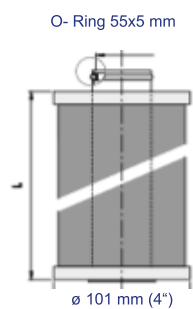
Technical Data

- | | |
|---|--|
| • Nominal filtration: | .5, 1, 2, 5, 15, 30 & 40 μm |
| • Flow direction: | Out-to-in |
| • Change-out differential pressure: | 1.5 bar (22 psi) |
| • Maximum pressure differential 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) |

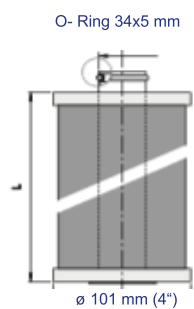
Element Code



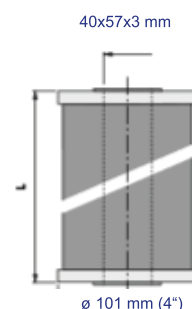
Feature	
B	Conditional resistant
S	Silicone treatment
SF	Silicone free



End Cap Design 1



End Cap Design 2



End Cap Design 3

Element Selection

Nominal Filtration			O-Ring		Flat Sealed (Open End)
			End Cap Design	End Cap Design	End Cap Design
μm	mm	inch	1	2	3
.5	559	22	0.5.1-559		
1	559	22	1.1-559	1.2-559	
2	559	22	2.1-559		2.3-559
5	235	9	5.1-235	5.2-235	
15	559	22	15.1-559		15.3-559
30	559	22	30.1-559		30.3-559
40	559	22	40.1-559		