

Qualified to specification EI 1581 6th Edition, Category M

Coalescer elements are designed to coalesce free water and to remove fine solids from aviation fuels. Coalescers are deployed at the first stage in a filter/water separator when fuel enters the vessel.

FAUDI Aviation Y-Type coalescer elements are intended for use in filter/water separators, series FWE and FWE-T, on refuellers, hydrant dispensers, and other mobile and stationary refuelling equipment. They are characterized by an excellent dirt holding capacity and high water removal efficiency.



Application Areas

- Mobile and stationary refuelling equipment
- Tank farms
- Ships and loading terminals
- Refineries

Technical Data

- | | |
|---|--|
| • Nominal filtration: | According to EI 1581 6th Edition |
| • Flow direction: | In-to-out |
| • Change-out differential pressure: | 1.0 bar (15 psi) |
| • Maximum pressure differential rating: | 5.2 bar (75 psi) |
| • Service time (max.): | 36 months ¹⁾ |
| • Storage time (max.): | 60 months ^{1) 2)} |
| • Operating temperature: | Min. -30°C (-22°F) / Max. 80°C (176°F) |

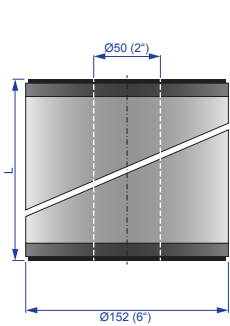
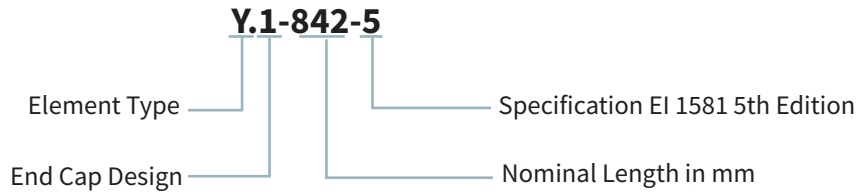
1) Manufacturer recommendation

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

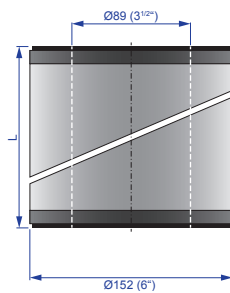
Standard Design

- | | |
|-------------------------|--|
| • Outside diameter: | 152 mm (6 inch) |
| • Center tube: | Epoxy coated steel |
| • Gaskets: | NBR (Buna-N) |
| • End caps: | Polyamide, glass fiber reinforced / Epoxy coated steel |
| • Labeling on end caps: | According to EI specification |

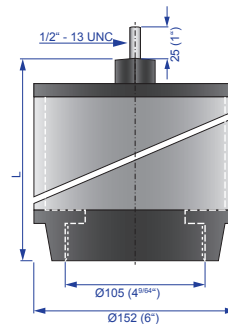
Element Code



End Cap Design 1



End Cap Design 4



End Cap Design 7

Element Selection

Flat Sealed (Open End)				Screw/Threaded Base		
Nominal Length L		End Cap Design		Nominal Length L		End Cap Design
mm	inch	1	4	mm	inch	7
362	14		Y.4-362-5	351	14	Y.7-362-5
559	22		Y.4-559-5			
727	29		Y.4-727-5			
842	33	Y.1-842-5	Y.4-842-5	834	33	Y.7-842-5
965	38		Y.4-965-5			
1422	56		Y.4-1422-5	1418	56	Y.7-1422-5