

SPECIFICATION EI 1581 7TH EDITION, CATEGORY M

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

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



APPLICATION AREA

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

TECHNICAL DATA

- Nominal filtration: According to EI 1581 7th 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.): 3 years¹⁾
- Storage time (max.): 5 years^{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

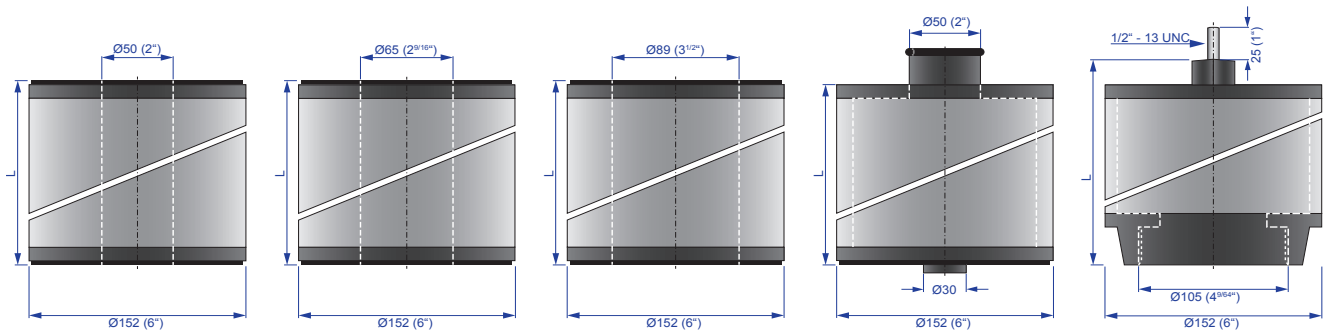
STANDARD DESIGN

- 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

MIL.1-842-5

Element Type — Specification EI 1581 5th Edition
End Cap Design — Nominal Length in mm



End Cap Design 1 End Cap Design 3 End Cap Design 4 End Cap Design 6 End Cap Design 7

ELEMENT SELECTION

Flat Sealed (Open End)					O-Ring	Screw/Threaded Base		
Nominal Length L		End Cap Design				Nominal Length L		End Cap Design
mm	inch	1	3	4	6	mm	inch	7
362	14 1/4			MIL.4-362-5		351	14	MIL.7-362-5
559	22		MIL.3-559-5	MIL.4-559-5				
727	28 5/8	MIL.1-727-5		MIL.4-727-5		705	28	MIL.7-727-5
842	33	MIL.1-842-5	MIL.3-842-5	MIL.4-842-5		843	33	MIL.7-842-5
965	38		MIL.3-965-5	MIL.4-965-5		965	38	MIL.7-965-5
1093	43			MIL.4-1093-5		1114	44	MIL.7-1093-5
1422	56			MIL.4-1422-5		1418	56	MIL.7-1422-5