

### Qualified to specification EI 1581 6th 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 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 <sup>1)</sup>                |
| • Storage time (max.):                  | 60 months <sup>1) 2)</sup>             |
| • Operating temperature:                | Min. -30°C (-22°F) / Max. 80°C (176°F) |

1) Manufacturer recommendation

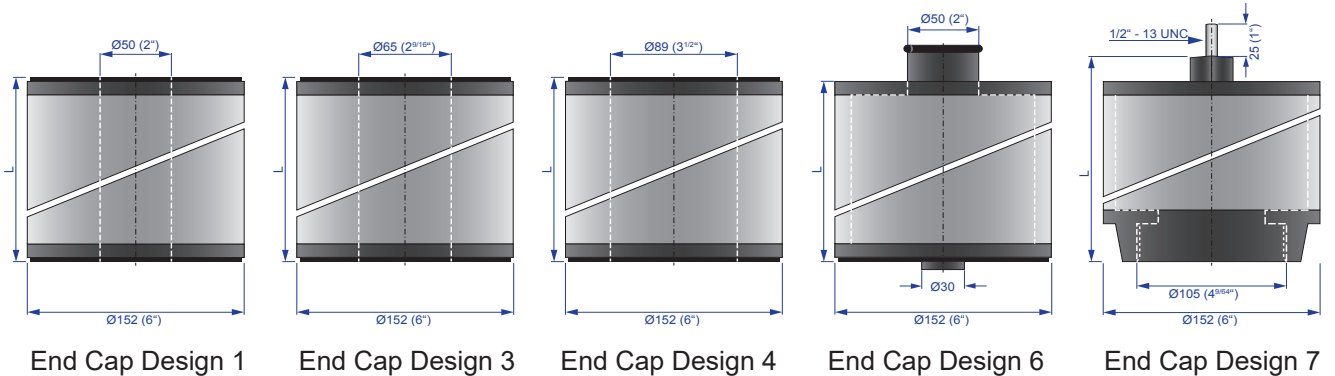
2) Manufacturer recommendation: 20°C and max. 50% humidity after date of shipment out of stock of FAUDI Aviation GmbH

### 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 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		834	33	MIL.7-842-5
965	38		MIL.3-965-5	MIL.4-965-5				
1093	43			MIL.4-1093-5		1114	44	MIL.7-1093-5
1422	56			MIL.4-1422-5		1418	56	MIL.7-1422-5