

Coalescer Element

MIL-Type



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.

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 ¹⁾
• Storage time (max.):	60 months ^{1) 2)}
• Operating temperature:	Min. -30°C (-22°F) / Max. 80°C (176°F)

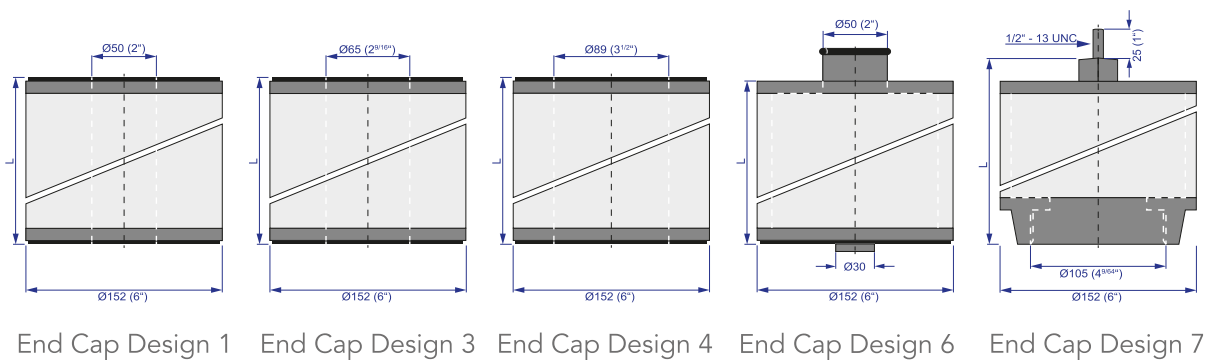
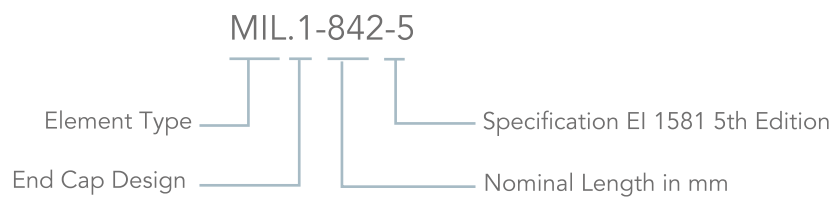
1) Manufacturer recommendation

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

Standard Design

- Outside diameter: 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



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