

SPECIFICATION EI 1581 7TH EDITION, CATEGORY C, TYPE S-LW

Coalescer elements are designed to coalesce free water and to remove fine solids from aviation fuels and other hydrocarbons. Coalescers are deployed at the first stage in a filter/ water separator, when fuel enters the vessel. FAUDI Aviation T-Type coalescer elements are intended for use in filter/ water separators on refuellers, hydrant dispensers and other mobile refuelling equipment. They are characterized by an excellent dirt holding capacity and water removal efficiency.



APPLICATION AREA

- Refuellers
- Hydrant dispensers
- Into-plane fuelling equipment

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 years¹⁾²⁾
- Operating temperature: Min. -30°C (-22°F) / Max. 80°C (176°F)

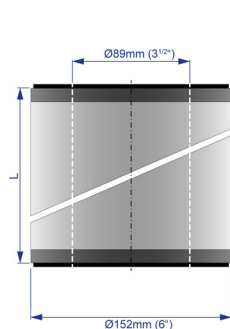
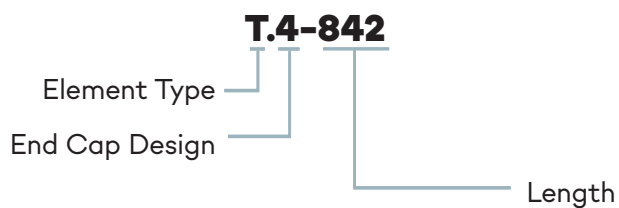
¹⁾ Manufacturer recommendation

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

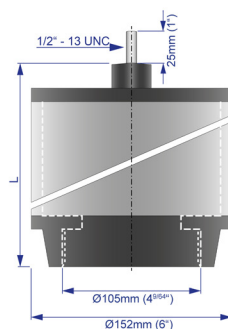
STANDARD DESIGN

- Outside diameter: 152 mm (6 inch)
- Center tube: Epoxy coated steel
- Gaskets: NBR (Buna-N)
- End caps: Polyamide, glass fibre reinforced / Epoxy coated steel
- Labeling: According to EI specification 1581 7th edition

ELEMENT CODE



End Cap Design 4

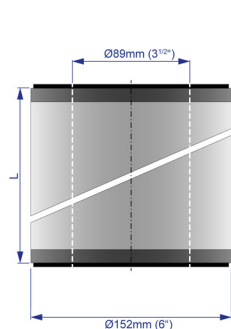
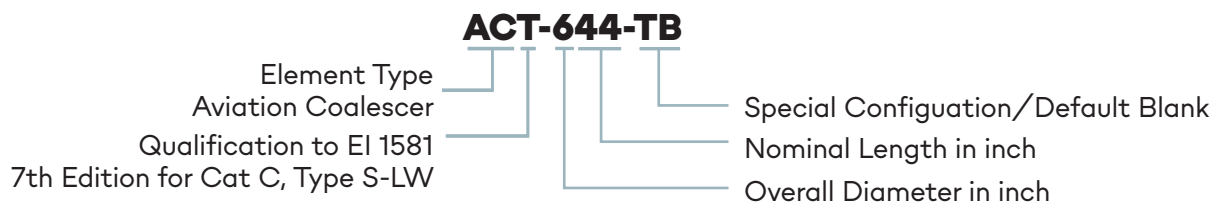


End Cap Design 7

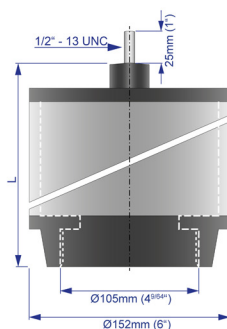
ELEMENT SELECTION

Flat Sealed (Open End)			Screw/Threaded Base		
Nominal Length L		End Cap Design	Nominal Length L		End Cap Design
mm	inch	4	mm	inch	7
280	11	T.4-279	278	11	T.7-279
363	14	T.4-362	350	14	T.7-362
468	18	T.4-467	466	18	T.7-467
560	22	T.4-559	554	22	T.7-559
728	29	T.4-727	704	28	T.7-727
843	33	T.4-842	833	33	T.7-842
966	38	T.4-965	964	38	T.7-965
1094	43	T.4-1093	1113	44	T.7-1093
1423	56	T.4-1422	1417	56	T.7-1422

ELEMENT CODE USA



End Cap Design 4



End Cap Design 7

ELEMENT SELECTION USA

Flat Sealed (Open End) - Standard		Screw/Threaded Base - TB	
Nominal Length L		Nominal Length L	
inch	Part Desc.	inch	Part Desc.
14	ACT-614		
22	ACT-622	22	ACT-622-TB
29	ACT-629	29	ACT-629-TB
33	ACT-633	33	ACT-633-TB
38	ACT-638	38	ACT-638-TB
44	ACT-644	44	ACT-644-TB
56	ACT-656	56	ACT-656-TB