

QUALIFIED TO SPECIFICATION EI 1581 7TH EDITION, CATEGORY C

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 P-Type coalescer elements are intended for use in filter/ water separators on refuellers, hydrant dispensers, other mobile and stationary refuelling equipment. Coalescer elements are also used in industrial application in fuel depots, refineries or barges, where high water removal efficiency plays a crucial role.



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 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

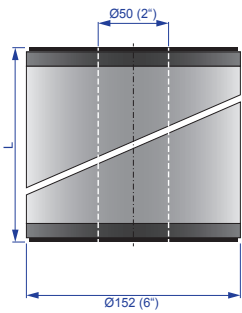
STANDARD DESIGN

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

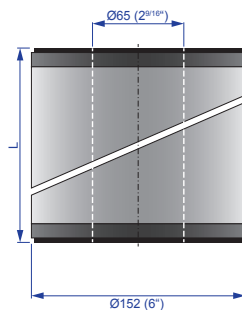
ELEMENT CODE

P.1-842

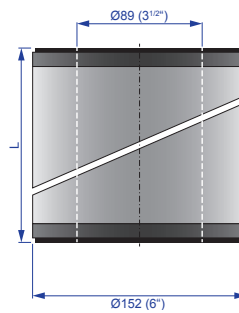
Element Type
End Cap Design
Nominal Length in mm



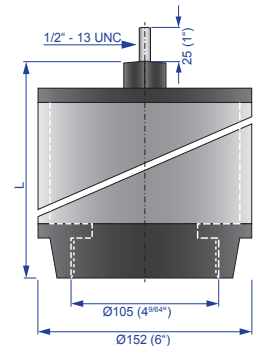
End Cap Design 1



End Cap Design 3



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	3	4	mm	inch	7
279	11		P.3-279	P.4-279			
362	14		P.3-362	P.4-362	351	14	P.7-362
467	18		P.3-467	P.4-467			
559	22		P.3-559	P.4-559	555	22	P.7-559
727	29		P.3-727	P.4-727	705	28	P.7-727
842	33	P.1-842	P.3-842	P.4-842	834	33	P.7-842
965	38		P.3-965	P.4-965	965	38	P.7-965
1093	43		P.3-1093	P.4-1093	1114	43	P.7-1093
1422	56		P.3-1422	P.4-1422	1422	56	P.7-1422