

Coalescer Element

Y-Type



Qualified to specification EI 1581 6th Edition, Category M

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

Y-Type coalescer elements are intended for use in filter/water separators, series FWE and FWE-T, on refuellers, hydrant dispensers, and 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)

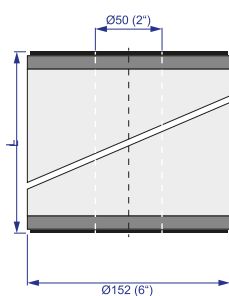
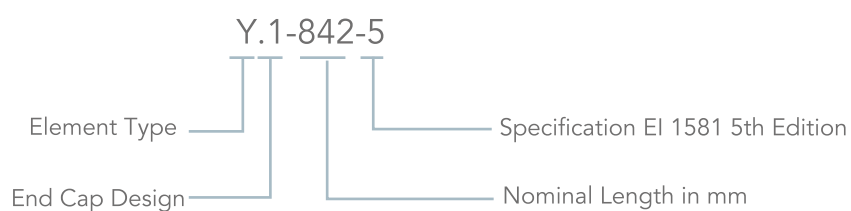
1) Manufacturer recommendation

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

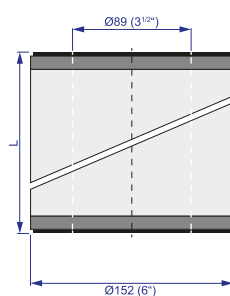
Standard Design

- 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

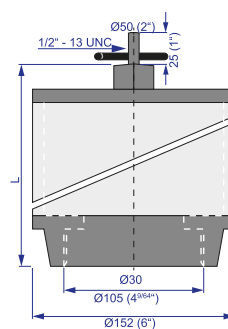
Element Code



End Cap Design 1



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	4	mm	inch	7
362	14		Y.4-362-5	351	14	Y.7-362-5
559	22		Y.4-559-5			
727	29		Y.4-727-5			
842	33	Y.1-842-5	Y.4-842-5	834	33	Y.7-842-5
965	38		Y.4-965-5			
1422	56		Y.4-1422-5	1418	56	Y.7-1422-5