

# MIL-Type Coalescer Element

**For the Separation of Water and Solids from Aviation Fuels according to EI 1581 5<sup>th</sup> Edition, Category M, Type S.**

Filter water separators are fitted with coalescer and separator elements and used on aircraft refuelling vehicles, hydrant dispensers and other mobile fuelling equipment. They are also used in fixed fuelling installations and tank farms. FAUDI Aviation coalescers are commonly used in other branches of industry such as refineries, petrochemical plants and marine applications where high efficiency filtration and separation is required.

## Technical Details

Tested and approved to EI 1581 5<sup>th</sup> edition, Category M, Type S

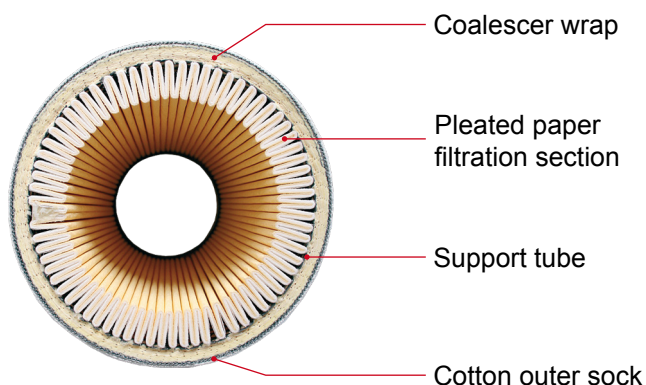
Nominal Filtration:	1 µm
Change-out Differential Pressure:	1.1 bar (15 psi)
Test- /Burst Pressure:	5.2 bar (75 psi)
Recommended Service Time (max.):	36 months <sup>1</sup>
Recommended Storage Time (max.):	60 months <sup>1&amp;2</sup>
Operating Temperature:	min. -30°C / max. 80°C
Flow Direction:	In to Out
Outside Diameter:	152 mm (6")

<sup>1</sup> Manufacturer recommendation

<sup>2</sup> Original packaging, 20°C and max. 50% humidity  
after date of shipment out of stock of FAUDI Aviation GmbH

## Standard Design

- Inner tube in epoxy coated steel
- Seals in NBR (Buna-N)
- End caps made out of Polyamid/reinforced glass fibre
- Labeling of end caps acc. to EI specification  
(date of manufacturing, ID-Number, etc.)



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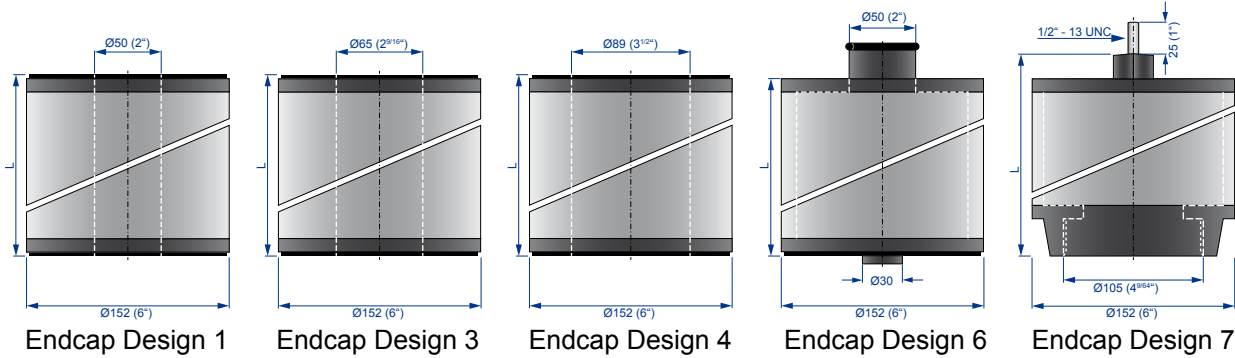
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## Sample of Marking

Article code: **MIL.1-842/5**

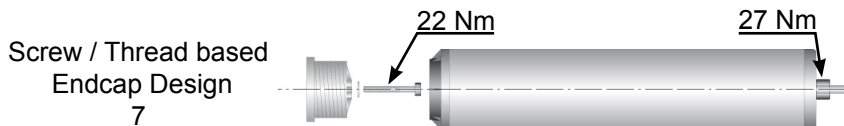
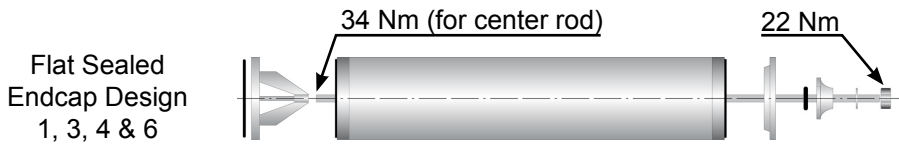
Model ——— EI 1581, 5<sup>th</sup> edition

Endcap Design ——— Nominal Length in mm



OPEN END						SCREW/THREAD BASE		
nominal Length L (including sealing)		Endcap Design				nominal Length L		Endcap Design
mm	inch	1	3	4	6	mm	inch	7
285	11 1/4			MIL.4-279				
369	14 1/2			MIL.4-362	MIL.4-362	351	14 13/16	MIL.7-362
473	18 5/8		MIL.3-467					
565	22 1/4		MIL.3-559	MIL.4-559	MIL.4-559	565	22 1/4	MIL.7-559
733	28 7/8			MIL.4-727		705	27 3/4	MIL.7-727
848	33 3/8	MIL.1-842	MIL.3-842	MIL.4-842	MIL.4-842	834	32 7/8	MIL.7-842
971	38 1/4		MIL.3-965	MIL.4-965		965	38	MIL.7-965
1099	43 1/4			MIL.4-1093		1114	43 7/8	MIL.7-1093
1428	56 1/4			MIL.4-1422		1418	56 7/8	MIL.7-1422

### Torques



ft/lbs	inch/lbs	kg/m	Nm
17	200	2,30	22
20	240	2,80	27
25	300	3,50	34

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