

Qualified to specification EI 1581 6th Edition, Category C

Separator elements are used as the second stage of a high-performance separation in filter/water separators. After emergence from the coalescer, aviation fuels pass through the pores of the separator element while water droplets are repelled by the hydrophobic separator surface. Water droplets settle into the filter/water separator sump to be drained off.

FAUDI Aviation 60-Type separator elements are available with a Teflon®-coated screen or synthetic mesh. Separator elements with a Teflon®-coated screen can be reused after a cleaning during coalescer element changeouts. Small areas of damage can be repaired. It is recommended that separator elements with a synthetic mesh are replaced during coalescer changeouts.



Application Areas

- Mobile and stationary refuelling equipment
- Tank farms
- Ships and loading terminals
- Refineries

Technical Data

- | | |
|--------------------------|---|
| • Flow direction: | Out-to-in |
| • Service time (max.): | 120 months ¹⁾³⁾ / 36 months ^{2) 3)} |
| • Storage time (max.): | 60 months ⁴⁾ |
| • Operating temperature: | Min. -30°C (-22°F) / Max. 80°C (176°F) |

1) Separator with a Teflon® coated screen

2) Separator with synthetic mesh

3) Manufacturer recommendation

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

Standard Design

- | | |
|-------------------------|---|
| • Outside diameter: | See page 2 |
| • Center tube: | See page 2 |
| • Gaskets: | NBR (Buna-N) |
| • End caps: | Polyamide, glass fiber reinforced / Stainless steel |
| • Labeling on end caps: | According to EI specification |

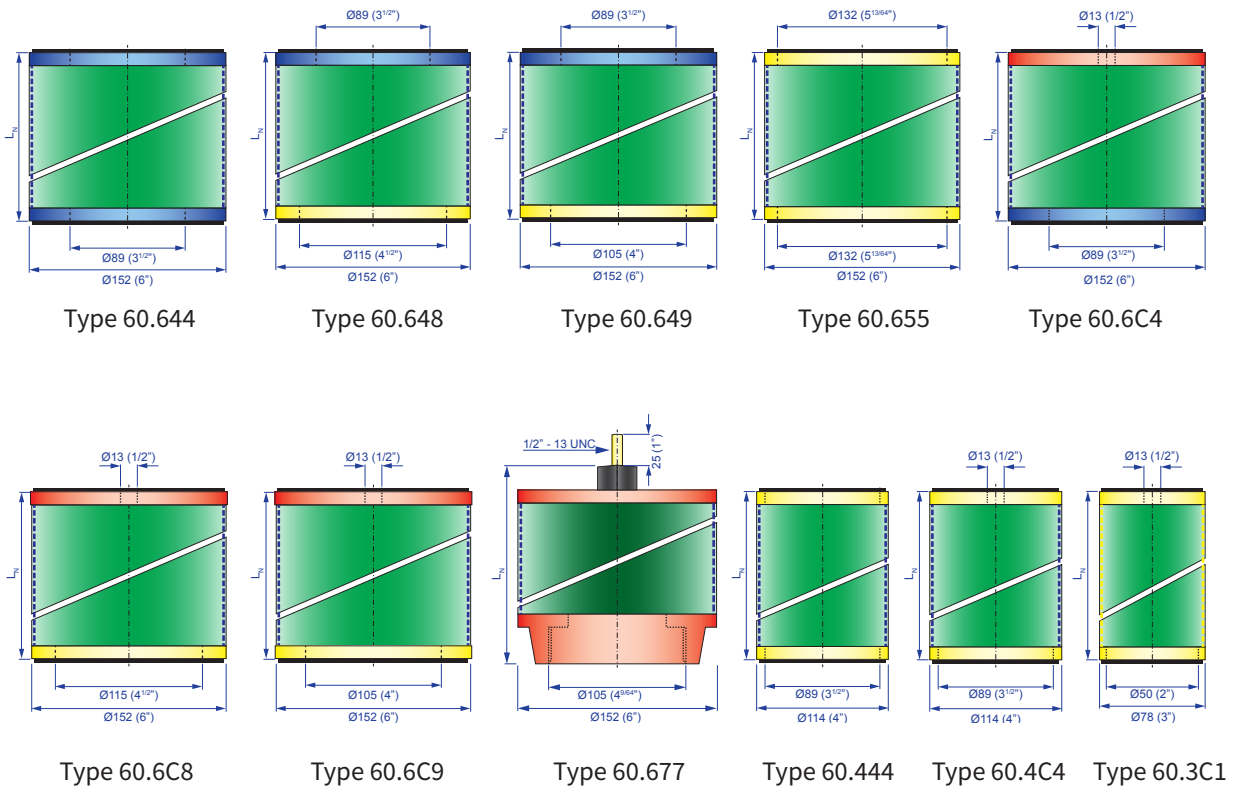
Element code

60.644-565-D



Material: Center Tube & End Cap Design

- Polyamide
- Epoxy Coated Steel
- Stainless Steel



Element Selection

Type	Outside Diameter		End Cap Design Top		End Cap Design bottom		Separator Screen	
60.	3	Ø 3" (78 mm)	4	Inner Ø 89 mm	1	Inner Ø 50 mm	D	Teflon® coated stainless steel screen
60.	4	Ø 4" (114 mm)	5	Inner Ø 132 mm	3	Inner Ø 40,5 mm	P	Synthetic mesh
60.	6	Ø 6" (152 mm)	7	Closed (with tread bolt 1/2"UNC)	4	Inner Ø 89 mm	DV	Teflon® coated stainless steel screen, Variable hole pattern
			C	Closed (with 13 mm hole)	5	Inner Ø 132 mm		
					7	Screw / thread bolt		
					8	Inner Ø 115 mm		
					9	Inner Ø 105 mm		

Nominal Length L in mm								
179	235	279	300	362	407	430	526	565
600	626	700	727	754	756	820	842	900
965	1012	1093	1130	1188	1204	1226	1244	1290
1422								