

### Qualified to specification EI 1599 2nd Edition

Dirt Defence filter (DDO) are designed for the efficient and continuous removal of solids such as rust, sand and other particulates from aviation fuels.

FAUDI Aviation DDO-Type filter elements are primarily used in the filtration of mobile into-plane refuelling. Dirt Defence Filter shall be used in conjunction with the AFGUARD® Electronic Water Sensor.



### Application Areas

- Refuellers
- Hydrant dispensers
- Other mobile refuelling units

### Technical Data

- |   |   |
|---|---|
| • Nominal filtration:                   | According to EI 1599 2nd Edition  |
| • Flow direction:                       | Out-to-in   |
| • Change-out differential pressure:     | 1.5 bar (22 psi) acc. to JIG Standard<br>1.0 bar (15 psi) acc. to ATA Specification 103 |
| • Maximum pressure differential rating: | 12 bar (175 psi)  |
| • Service time (max.):                  | 60 months <sup>1)</sup>   |
| • Storage time (max.):                  | 60 months <sup>1) 2)</sup>  |
| • Operating temperature:                | Min. -30°C (-22°F) / Max. 80°C (176°F)  |

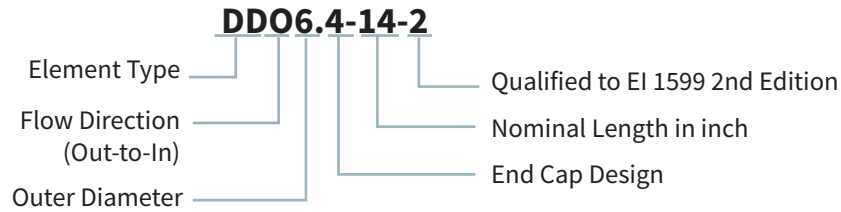
1) Manufacturer recommendation

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 fiber reinforced / Epoxy coated steel |
| • Labeling on end caps: | According to EI specification                          |

**Element Code**



**Element Selection**

Flat Sealed (Open End)					Screw/Threaded Base				
Nominal Length L		End Cap Design	Max. Flow Rate		Nominal Length L		End Cap Design	Max. Flow Rate	
mm	inch	4	lpm	USgpm	mm	inch	7	lpm	USgpm
279	11	DDO6.4-11-2	163	43					
362	14	DDO6.4-14-2	220	58	351	14	DDO6.7-14-2	186	49
559	22	DDO6.4-22-2	337	89					
727	28	DDO6.4-29-2	440	116					
842	33	DDO6.4-33-2	504	133					
1093	43	DDO6.4-44-2	655	173	1114	43	DDO6.7-44-2	667	176