

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 Filters shall be used in conjunction with the AFGUARD® Electronic Water Sensor.



APPLICATION AREA

- 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 1.0 bar (15 psi) acc. to ATA Specification 103
- Maximum pressure differential rating: 12 bar (175 psi)
- Service time (max.): 7 years¹⁾
- Storage time (max.): 5 years^{1) 2)}
- Operating temperature: Min. -30°C (-22°F) / Max. 80°C (176°F)

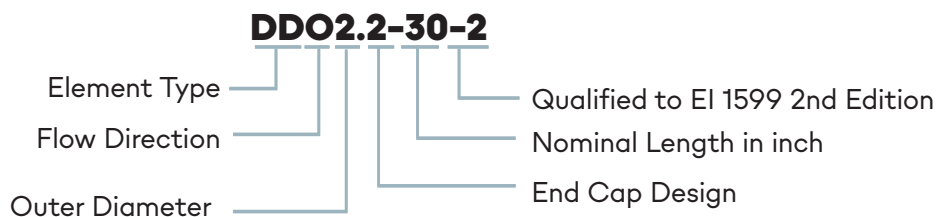
¹⁾ Manufacturer recommendation

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

STANDARD DESIGN

- Outside diameter: 50 mm (2 inch)
- Center tube: Painted steel
- Gaskets: NBR (Buna-N)
- End caps: Polyamide, carbon fibre reinforced
- Labeling on end caps: According to EI specification

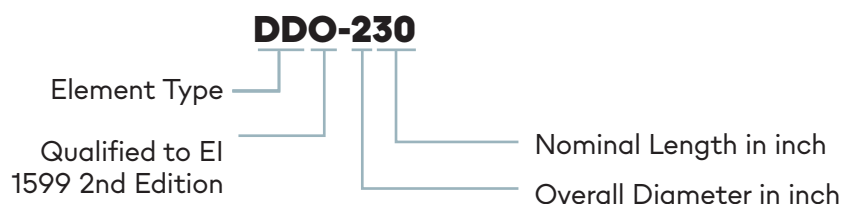
ELEMENT CODE



ELEMENT SELECTION

Nominal Length L		End Cap Design	Max. Flow Rate	
mm	inch	2	lpm	USgpm
254	10	DDO2.2.10-2	39	10
387	15	DDO2.2-15-2	58	15
514	20	DDO2.2-20-2	77	20

ELEMENT CODE USA



ELEMENT SELECTION USA

Nominal Length L	Part Number	Max. Flow Rate
inch		USgpm
10	DDO-210	10
15	DDO-215	15
20	DDO-220	20
30	DDO-230	30