

Coalescer Element

FDC-Type



Developed for industrial applications

FDC-Type coalescer elements are primarily used in the filtration of diesel fuel. They are characterized by an excellent dirt holding capacity and high water removal efficiency.

Diesel fuel can be contaminated during transport and storage. These contaminants degrade the purity of the fuel below the minimum requirements of engine manufacturers. FDC-Type elements in combination with separators clean the contaminated fuels up to the level of the applicable diesel fuel cleaning standards.

Application Areas

- Tank farms
- Gas stations
- Ships and loading terminals
- Mining industry
- Refineries

Technical Data

- | | |
|---|--|
| • Nominal filtration: | 5, 10, 15, 20 & 25 μm |
| • 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) |

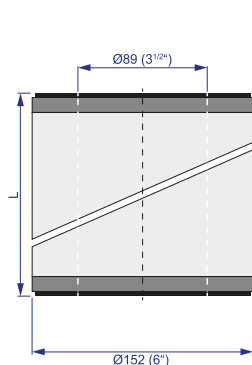
1) Manufacturer recommendation

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

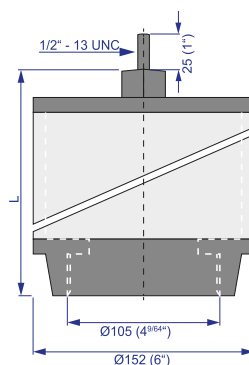
Standard Design

- Outside diameter: 152 mm (6 inch)
- Center tube: Epoxy coated steel
- Gaskets: NBR (Buna-N)
- End caps: Polyamide, glass fiber reinforced / Epoxy coated steel

Element Code



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	4	mm	inch	7
362	14	FDC-614	351	14	FDC-614-_TB
559	22	FDC-622	555	22	FDC-622-_TB
727	29	FDC-629	705	29	FDC-629-_TB
842	33	FDC-633	834	33	FDC-633-_TB
965	38	FDC-638	965	38	FDC-638-_TB
1093	44	FDC-644	1114	44	FDC-644-_TB
1422	56	FDC-656	1418	56	FDC-656-_TB