

## Designed for the removal of surfactants in aviation fuels

The Clay canister is designed to remove surface active substances (surfactants), dyes and additives from fuels that can enter through refinery processes or during transport. These surfactants accumulate on the coalescer elements and reduce the filtration efficiency of the filter/water separator. Clay treaters are usually installed in front of filter/water separators.

The FAUDI Aviation clay canister consists of Attapulugus clay as filter media. The recommended flow rate per element is 25 lpm (6 USgpm). Clay elements are mounted in stacks onto a manifold to ensure an equal flow rate of the fuel through each clay element.



## Application Areas

- Primarily used upstream of a filter/water separator

## Technical Data

- |   |  |
|---|--|
| • Flow direction:                       | Out-to-in                              |
| • Change-out differential pressure:     | 1.0 bar (15 psi)                       |
| • Maximum pressure differential rating: | 5.2 bar (75 psi)                       |
| • Service time (max.):                  | 12 months <sup>1)</sup>                |
| • Storage time (max.):                  | 24 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: | 177 mm (7 inch)  |
| • Center tube:      | Perforated metal |
| • Gaskets:          | NBR (Buna-N)     |
| • End caps:         | Coated metal     |

## Element Selection

Flow Rate		Nominal Length L		Model No.
lpm	USgpm	mm	inch	
25	6	460	18	C 9 420 480