

Pleated Sintered Fiber Felt Filter Element

This depth filter features a large filter area for increased dirt holding capacity. The filter element offers good permeability and high corrosion resistance when constructed with 316L raw material, as well as heat resistance.



Overview

High-Performance Industrial Filtration

The Pleated Sintered Fiber Felt Filter Element is engineered for demanding industrial environments requiring high filtration efficiency and long service life. Its pleated design significantly increases the effective filtration area, providing superior dirt-holding capacity and optimal flow rates. Constructed from durable materials, this element offers exceptional heat and corrosion resistance, making it suitable for critical applications in chemical, pharmaceutical, and high-temperature processing industries.

Technical Specifications

Filter Efficiency

99 %

Efficiency

Raw Materials	SS 316L, SS 304
Filter Rating	300 Microns
Max Operation Temperature	816 °C

Dimensions

Available Dimensions

Dimension Type	Available Options
Outside Diameter	50 mm, 60 mm, 63.5 mm, 70 mm, 150 mm
Length	254 mm, 508 mm, 762 mm, 1016 mm

Configuration

Gasket Materials

PTFE • Viton • Silicone • Buna-n • EPDM

Connector Options

- DOE
- 220
- 222
- 226
- Thread (NPT, BSP, G, M, R)
- Flange
- Special customization

Features

Key Features

- Depth filter technology
- Large filter area
- Large dirt holding capacity
- Good permeability
- Heat Resistance
- High corrosion resistance (316L)

Applications

Suitable Applications

Polyester filtration, Polymer filtration, Water treatment, Steam filtration, Oil filtration, Pharmaceutical industry, Chemical industry, Chemical fiber industry, Food industry, High temperature gas/liquid filtration