

Pleated Stainless Steel Mesh Filter Element

This depth filter features a large filter area for increased dirt holding capacity. The stainless steel construction provides good permeability, heat resistance, and high corrosion resistance.



Overview

High-Performance Pleated Mesh Filtration

This pleated stainless steel mesh filter element is engineered for demanding industrial filtration environments, offering exceptional particle retention and high flow rates. The pleated design significantly maximizes the effective surface area, which extends the operational life of the filter and minimizes maintenance requirements. Constructed from high-grade stainless steel, it provides reliable performance in critical processes across chemical, pharmaceutical, and water treatment industries.

Technical Specifications

Filter Efficiency

99 %

Efficiency

Raw Material	SS 316L, SS 304
Filter Rating	1-300 Microns
Max Operation Temperature	816

Dimensions

Available Dimensions

Parameter	Available Options (mm)
Outside Diameter	50, 60, 63.5, 70, 150
Length	254, 508, 762, 1016

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 & Applications

Key Features

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

Applications

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