

Stainless Steel Pleated Filter Element

This depth filter features a large filter area for optimal performance. Its stainless steel construction provides good permeability, heat resistance, and high corrosion resistance.



Overview

High-Performance Stainless Steel Pleated Filtration

This stainless steel pleated filter element is engineered for critical industrial applications requiring exceptional thermal stability and chemical resistance. Featuring a deep-pleat design, it provides a large filtration surface area to maximize dirt-holding capacity and ensure optimal permeability. Its robust construction makes it an ideal solution for demanding environments, including high-temperature gas and liquid processing, pharmaceutical production, and chemical fiber filtration.

Technical Specifications

Performance Metrics

99 % Filter Efficiency	816 °C Max Temperature
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Material Composition	SS 316L, SS 304
Filter Rating	1-300 Microns

Physical Dimensions

Available Dimensions

Attribute	Standard Options
Outside Diameter	50, 60, 63.5, 70, 150 mm
Length	254, 508, 762, 1016 mm

Configurations

Connector Options

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

Gasket Materials

PTFE • Viton • Silicone • Buna-n • EPDM

Applications

Typical Industries

- Water treatment
- Pharmaceutical industry
- Chemical industry
- Chemical fiber industry
- Food industry
- Polymer filtration
- Steam filtration
- Oil filtration