

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 |
|----------------------------------|----------------------------------|

| | |
|----------------------|-----------------|
| 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