Sintered Wire Mesh Filter Element

This high-precision filter element is engineered for applications requiring durability and fine particle retention. It is constructed from multiple layers of woven wire mesh, diffusion bonded to create a robust and uniform filter media.

Product Overview

Industrial Sintered Wire Mesh Filter Element

This high-precision sintered wire mesh filter element is engineered for demanding industrial filtration applications. Utilizing diffusion-bonded multi-layer wire mesh, the filter provides exceptional mechanical strength, uniform pore distribution, and reliable efficiency exceeding 99%. It is designed to withstand harsh operating environments, offering robust resistance to high temperatures and corrosive substances.

Technical Specifications

Performance Metrics

99 %	816 °C
Efficiency	Max Temperature

Raw Materials	SS 316L, SS 304
Micron Rating	0.5 - 300 Microns

Dimensions and Compatibility

Standard Lengths

- 254
- 508
- 762
- 1016

Outside Diameter Range	10 - 380 mm

Configuration

Gasket Options

PTFE • Viton • Silicone • Buna-n • EPDM

Connector Options

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

Applications and Features

Common Applications

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

Product Features	Backwashable, Reusable, High Air Permeability, Uniform Pore Size, Corrosion Resistant