

Sintered Wire Mesh Filter

This high-precision filter is engineered for critical filtration needs. It is made from multiple layers of woven wire mesh diffusion bonded together, providing exceptional strength and controlled pore size distribution.



Product Overview

High-Performance Sintered Wire Mesh Filtration

This sintered wire mesh filter is engineered for critical industrial applications requiring exceptional strength and controlled pore size distribution. Constructed through a diffusion bonding process, it provides superior resistance to heat and corrosion, making it suitable for demanding environments like chemical processing and pharmaceutical manufacturing. The design supports backwashing for reusability, ensuring long-term operational efficiency and cost-effectiveness across diverse gas and liquid filtration tasks.

Technical Specifications

Filter Rating Range

0.5 Microns

Minimum Rating

300 Microns

Maximum Rating

Raw Materials	SS 316L, SS 304
Filtration Efficiency	99 %
Maximum Operation Temperature	816 °C

Dimensions and Connectors

Physical Dimensions

Dimension	Values
Outside Diameter	10-380 mm
Available Lengths	254, 508, 762, 1016 mm

Connector Options

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

Gasket Materials

PTFE • Viton • Silicone • Buna-n • EPDM

Key Features

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- Backwash and Reusable
- Uniform pore size distribution
- Good air permeability
- High filter efficiency
- Heat Resistance
- High corrosion resistance (SS 316L)

Applications

Target Industries

Polyester filtration, Water treatment, Steam filtration, Oil filtration, Pharmaceutical, Chemical, Chemical fiber, Food industry