

Sintered Wire Mesh Filter

This sintered wire mesh filter element is designed for demanding filtration applications. It is constructed from multiple layers of woven wire mesh, diffusion bonded to create a robust and precise filter media.



Product Overview

High-Performance Sintered Wire Mesh Filter

This sintered wire mesh filter element is constructed from multi-layered woven wire mesh diffusion-bonded for maximum durability and precision. Designed for demanding filtration environments, it offers exceptional dirt-holding capacity, high flow rates, and resilience against significant temperature and pressure fluctuations. These filters provide reliable particle removal for critical industrial applications including pharmaceutical, chemical, and food processing.

Technical Specifications

Standard Lengths

- 254
- 508
- 762
- 1016

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|------------------------|-------------------|
| Raw Materials | SS 316L, SS 304 |
| Filter Rating | 0.5 - 300 Microns |
| Efficiency | 99 % |
| Max Temperature | 816 |
| Outside Diameter Range | 10 - 380 mm |

Configuration Options

Available Gaskets

PTFE • Viton • Silicone • Buna-n • EPDM

Connection Styles

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

Performance Features

Key Performance Features

- Backwash and Reusable
- Uniform pore size distribution
- Good air permeability
- High filter efficiency
- Heat Resistance
- High corrosion resistance

Application Areas

Suitable Industries

Water Treatment, Pharmaceutical, Chemical, Food Industry, Chemical Fiber, Petrochemical