

# 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

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