

# Sintered Wire Mesh Filter Element

This sintered mesh filter element is designed for high-precision filtration in demanding industrial applications. Its robust construction allows for repeated cleaning and backwashing, extending its service life and reducing maintenance costs.



## Product Overview

### Industrial Sintered Mesh Filtration

The Sintered Wire Mesh Filter Element is engineered for high-precision filtration in demanding industrial environments. By sintering multiple layers of woven wire mesh, this element achieves exceptional structural integrity, heat resistance, and consistent pore distribution. Designed for longevity, the unit supports backwashing and reuse, significantly reducing long-term maintenance costs across chemical, pharmaceutical, and water treatment applications.

### Key Features

Backwashable • Reusable • Uniform Pore Distribution • High Air Permeability • Corrosion Resistant

## Technical Specifications

### Key Performance Indicators

<b>99 %</b> Filter Efficiency	<b>816</b> Max Temperature
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Raw Materials: SS 316L, SS 304

Filter Rating: 0.5-300 Microns

## Physical Dimensions

### Size Specifications

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

## Compatibility and Configuration

### Gasket Options

- PTFE
- Viton
- Silicone
- Buna-n
- EPDM

### Connector Varieties

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

## Applications

### Recommended Industries

Water Treatment, Pharmaceutical, Chemical, Food Industry, Polyester Filtration, Oil & Gas