

# Sintered Wire Mesh Filter Tube

This filter tube is backwashable and reusable. Its uniform pore size distribution makes it suitable for filtering liquids, gases, and polymers.



## Product Overview

### High-Performance Sintered Mesh Filtration

Sintered wire mesh filter tubes are engineered through multi-layer diffusion bonding to create an exceptionally durable filter element. These tubes provide precise pore size control and superior air permeability, ensuring high filtration efficiency under demanding industrial conditions. Built for longevity, they offer excellent heat and corrosion resistance, making them fully backwashable and reusable for optimized operational costs.

## Technical Specifications

### Filtration Performance

**0.5 Microns**

Min Filtration Rating

**300 Microns**

Max Filtration Rating

**99 %**

Filter Efficiency

### Raw Materials

SS 316L, SS 304

### Operating Temperature Limit

816 °C

## Dimensional Data

### Size Specifications

Parameter	Range/Options
Outside Diameter	10-380 mm
Standard Lengths	254, 508, 762, 1016 mm

## Application Suitability

### Target Industries

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

## Key Features

### Operational Advantages

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