

# Stainless Steel Mesh Filter Element

This filter element is constructed from high-quality stainless steel. It features a durable mesh design, making it suitable for backwash applications and efficient particle removal.



## Product Overview

### Industrial Stainless Steel Mesh Filter Element

This stainless steel filter element is engineered for demanding industrial filtration environments, offering superior heat resistance and durability. It features a uniform pore size distribution for high-efficiency particle removal and is designed for backwashing and reuse to reduce long-term maintenance costs. The product is suitable for a wide range of critical applications including chemical processing, water treatment, and high-temperature gas filtration.

## Technical Parameters

### Filtration Performance

**0.5 Microns**

Min Rating

**300 Microns**

Max Rating

**99 %**

Efficiency

### Raw Materials

SS 316L, SS 304

### Temperature Limit

816

## Dimensions

### Standard Lengths

- 254 mm
- 508 mm
- 762 mm
- 1016 mm

### Outside Diameter

10-380 mm

## Compatibility

### Available Gaskets

PTFE • Viton • Silicone • Buna-n • EPDM

### Connection Options

Type ID	Description
1	DOE
2-4	220, 222, 226
5	Threaded (NPT, BSP, G, M, R)
6	Flange
7	Special customization

## Product Features

### Technical Advantages

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

## Applications

### Typical Applications

Polyester filtration, Water treatment, Steam filtration, Oil filtration, Pharmaceutical, Chemical industry, Chemical fiber, Food industry, High temperature gas/liquid