

# Sintered Metal Filter Disc

Featuring backwash and reusable functionality. These filters provide uniform pore size distribution for consistent filtration.



## Product Overview

### High-Performance Sintered Metal Filtration

These sintered metal filter discs are engineered through a precision powder metallurgy process to provide a porous structure with uniform pore distribution. Designed for demanding industrial environments, they offer exceptional heat resistance up to 816°C and high corrosion resistance when manufactured from SS 316L. Their robust design supports backwashing and reuse, making them an ideal, long-lasting solution for gas and liquid filtration across chemical, pharmaceutical, and aerospace sectors.

## Technical Parameters

### Filtration Precision

**0.5 Microns**

Minimum Rating

**300 Microns**

Maximum Rating

Available Materials	SS 316L, SS 304
Maximum Operating Temperature	816 °C

## Physical Dimensions

### Available Dimensions

Dimension	Specification
Max Diameter	d 1000mm
Available Thicknesses	0.5, 1, 1.5, 2, 3, 5 mm

## Product Features

### Primary Advantages

- Backwashable and reusable design
- Uniform pore size distribution
- Superior air permeability
- High filtration efficiency
- Excellent heat and corrosion resistance

## Applications

### Industry Use Cases

Sensors • Inductors • Detectors • Survey Meters • Pressure Release • Polymer Extrusion