

# Sintered Metal Filter Mesh

This washable and reusable filter media features a uniform pore size distribution. The sintered structure ensures efficient particle capture and high dirt-holding capacity.



## Overview

### High-Performance Sintered Metal Filter Mesh

Sintered metal filter mesh is a high-performance, multi-layered filtration media engineered in a high-temperature vacuum furnace. It offers superior mechanical strength and uniform pore size distribution, making it an ideal choice for precise industrial filtration applications. Designed to be washable and reusable, this durable filter material is easily fabricated, welded, and assembled to meet specific operational requirements.

## Technical Specifications

### Filter Rating

<b>0.5 <math>\mu</math>m</b> Minimum Rating	<b>300 <math>\mu</math>m</b> Maximum Rating
--	--

<b>Material Composition</b>	SS 316L, SS 304
<b>Max Operating Temperature</b>	816

## Dimensions and Geometry

### Number of Layers

- 2
- 20

### Available Thicknesses

0.5mm • 1mm • 1.5mm • 2mm • 3mm • 5mm

### Standard Sheet Sizes

Dimension
500mm x 500mm
500mm x 1000mm
1000mm x 1000mm

## Operational Features

### Core Advantages

- Washable and reusable
- Uniform pore size distribution
- High mechanical strength
- Compatible with welding and fabrication