

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

0.5 μm Minimum Rating	300 μm Maximum Rating
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Material Composition	SS 316L, SS 304
Max Operating Temperature	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