

Sintered Metal Filter Mesh

Sintered metal wire mesh is a washable and reusable filter medium. It features a uniform pore size distribution.



Product Overview

High-Performance Sintered Metal Filtration

Sintered metal wire mesh is a robust filter media composed of multiple layers of woven wire mesh bonded under high temperatures in a vacuum furnace. This advanced manufacturing process creates a material with uniform pore size distribution, excellent mechanical strength, and superior permeability. Designed for reliability, these filters are fully washable, reusable, and easily fabricated for diverse industrial applications including fluid filtration and gas diffusion.

Technical Specifications

Filtration Capability

0.5 Microns

Minimum Rating

300 Microns

Maximum Rating

Materials	SS 316L, SS 304
Operating Temperature	816

Physical Dimensions

Available Sizes

- 500 mm x 500 mm
- 500 mm x 1000 mm
- 1000 mm x 1000 mm

Thickness Range	0.5 mm, 1 mm, 1.5 mm, 2 mm, 3 mm, 5 mm
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Construction

Product Advantages

Washable & Reusable • Uniform Pore Size • High Mechanical Strength • Easy to Weld/Fabricate

Layer Configuration	20 Max Layers
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