

Metal Fiber Filtration Mat

The metal fiber filtration mat features high dirt holding capacity. Its uniform fiber distribution ensures consistent performance and a long service life.



Overview

High-Performance Filtration Media

This metal fiber filtration mat is engineered for demanding industrial filtration applications, utilizing a three-dimensional fiber structure for superior depth filtration. Constructed from sintered stainless steel fibers, it offers exceptional corrosion resistance and can operate effectively at temperatures up to 816°C. Its design features differential fiber layer density gradients, which provide high dirt-holding capacity and consistent filtration efficiency.

Material & Construction

Material Composition	Stainless Steel 316L
Key Features	Corrosion Resistant, Sintered Structure, High Porosity, Depth Filtration, Weldable

Technical Specifications

Filter Rating

1 Microns

Min Rating

300 Microns

Max Rating

Max Operation Temperature	816 °C
Thickness Range	0.2 - 10 mm

Dimensions

Available Dimensions

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

Maximum Sheet Size

Dimension	Limit
Max Length	1200 mm
Max Width	1000 mm