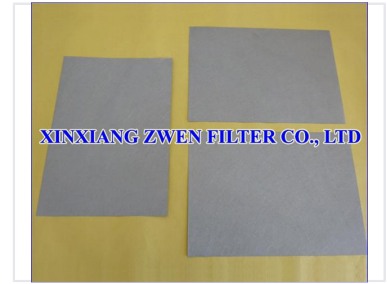


Porous Sintered Metal Fiber Felt

This sintered fiber felt is a porous material made of metal fibers joined through sintering, resulting in a strong, durable structure. The material provides high porosity and permeability, along with uniform pore size distribution.



Overview

High-Performance Sintered Metal Fiber Felt

Porous sintered metal fiber felt is an advanced depth filtration media engineered from 316L stainless steel fibers. Featuring a complex three-dimensional structure with differential density gradients, it provides exceptional dirt-holding capacity and high filtration efficiency. This material is vacuum-sintered to ensure high structural integrity, making it capable of withstanding extreme temperatures and corrosive environments.

Technical Specifications

Key Performance Metrics

816 Max Temperature	1 Microns Min Filter Rating	300 Microns Max Filter Rating
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Dimensional Constraints

Parameter	Range/Limit
Thickness	0.2 - 10 mm
Max Length	1200 mm
Max Width	1000 mm

Available Sizes

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

Raw Material

Stainless Steel 316L

Material Properties

Features & Benefits

Depth Filtration, Corrosion Resistant, High Dirt Capacity, Fabrication Friendly, Vacuum Sintered, Pleatable