

Sintered Titanium Frit Filter

This sintered titanium frit filter provides depth filtration. It has high mechanical strength, good integrity, and rigidity.



Overview

High-Performance Sintered Titanium Frit Filter

Sintered titanium frit filters are engineered for high-performance applications requiring exceptional corrosion resistance and thermal stability. These filters feature a porous structure achieved through precise titanium powder sintering, ensuring excellent permeability and mechanical strength. Ideal for demanding industrial environments, they provide reliable depth filtration and long-term durability in chemical, pharmaceutical, and gas processing systems.

Technical Specifications

Raw Material	Titanium
Filter Rating	0.22-100 Microns
Maximum Operating Temperature	300

Dimensions

Available Size Metrics

Dimension	Limit
Max Length	800 mm
Max Width	320 mm
Thickness Options	1, 1.5, 2, 3, 5 mm

Key Features

Operational Advantages	Depth filtration, High mechanical strength, Good integrity, High permeability, Heat resistance, Corrosion resistance
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Applications

Primary Applications

- Sensor components
- Inductors
- Detectors
- Survey meters
- Pressure release devices
- Polymer extrusion
- Electrodes