

Sintered Metal Powder Filter Disc

Sintered metal powder filter discs provide depth filtration with high mechanical strength. The filter discs have good integrity and rigidity.



Overview

High-Performance Sintered Metal Filtration

These sintered metal powder filter discs are engineered for demanding industrial filtration applications, offering exceptional depth filtration and mechanical integrity. Manufactured from durable materials like SS 316L and Titanium, they provide reliable performance in high-temperature and corrosive environments. With a porous structure designed for uniform flow and efficient particle retention, these discs are an essential component for sensors, pressure release devices, and polymer extrusion systems.

Technical Specifications

Filter Rating

0.22 Microns

Minimum Rating

100 Microns

Maximum Rating

Available Thickness Options

- 1 mm
- 1.5 mm
- 2 mm
- 3 mm
- 5 mm

Raw Materials	SS 316L, Titanium
Max Operating Temperature	816 °C
Maximum Diameter	400 mm

Features & Applications

Key Features

Depth filtration • High mechanical strength • Good integrity • Good permeability • Heat resistance • Corrosion resistance

Primary Applications

- Sensors
- Inductors
- Detectors
- Survey meters
- Pressure release devices
- Polymer extrusion devices
- Electrodes