

Sintered Multilayer Filter Disc

These multilayer filter discs can be backwashed and reused. They feature a uniform pore size distribution.



Overview

High-Performance Sintered Filtration

These multilayer sintered filter discs are engineered for demanding industrial filtration applications, offering exceptional structural integrity and permeability. By bonding multiple layers of woven wire mesh in a vacuum furnace, the discs achieve precise particle retention and high dirt-holding capacity. Designed for durability, they provide excellent resistance to heat and corrosion, making them a reliable choice for complex systems.

Technical Specifications

Filter Rating

0.5 Microns

Min Rating

300 Microns

Max Rating

Raw Materials

SS 316L, SS 304

Maximum Operating Temperature

816 °C

Dimensions

Available Thicknesses

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

Maximum Diameter

1000 mm

Features & Benefits

Key Advantages

Backwashable • Reusable • Uniform Pore Size • High Air Permeability • High Efficiency • Heat Resistant • Corrosion Resistant

Applications

Common Applications

- Sensor protection
- Inductor components
- Detector systems
- Survey meters
- Pressure release devices
- Polymer extrusion devices