

Sintered Circular Filter Disc

These sintered circular filter discs are available in thicknesses of 0.5 mm, 1 mm, 1.5 mm, 2 mm, 3 mm, and 5 mm. The filter discs are suitable for fluid filtration, gas filtration, and powder separation.



Overview

High-Performance Sintered Circular Filter Discs

These sintered circular filter discs are engineered for high-precision filtration in demanding industrial environments. Constructed from premium stainless steel, they provide exceptional heat and corrosion resistance while maintaining uniform pore size distribution. Designed for reliability, these discs are fully reusable via backwashing, offering a high-efficiency solution for sensors, detectors, and polymer extrusion systems.

Technical Specifications

Filter Rating

0.5 Microns
Minimum Rating

300 Microns
Maximum Rating

Material Composition	SS 316L, SS 304
Max Operating Temperature	816 °C

Dimensions

Dimensions & Thickness

Parameter	Value/Range
Max Diameter	d 1000mm
Available Thicknesses	0.5, 1, 1.5, 2, 3, 5 mm

Features

Key Performance Features

- Backwash and Reusable
- Uniform pore size distribution
- Good air permeability
- High filter efficiency
- Heat Resistance
- High corrosion resistance

Applications

Primary Applications

Sensor • Inductor • Detector • Survey meter • Pressure release device • Polymer extrusion device