

Sintered Metal Filter Disc

This multilayer sintered filter disc is backwashable and reusable. Its uniform pore size distribution makes it suitable for demanding filtration applications.



Product Overview

Multilayer Sintered Filter Disc

These filter discs are manufactured by pressing multiple layers of woven wire mesh together and sintering them to create a robust, porous metal structure. Designed for demanding industrial environments, they offer high mechanical strength, precise pore size control, and excellent dirt-holding capacity. They are ideal for fluidization, gas and liquid filtration, chemical processing, and pharmaceutical applications.

Technical Specifications

Raw Materials	SS 316L, SS 304
Filter Rating	0.5 - 300 Microns
Max Operation Temperature	816

Dimensions

Available Thickness

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

Max Diameter	1000 mm
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Features

Key Features

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

Applications

Typical Applications

- Sensor protection
- Inductors
- Detectors
- Survey meters
- Pressure release devices
- Polymer extrusion devices