

Sintered Metal Mesh Filter Tube

The multilayer sintered filter tube is backwashable and reusable. Its uniform pore size distribution ensures efficient particle removal and long service life.



Overview

Multilayer Sintered Filter Tube

These high-performance filter tubes are constructed from multiple layers of sintered metal mesh, creating a robust and precise filtration medium. The sintering process bonds the layers together, resulting in a uniform pore structure and exceptional mechanical strength. Designed for demanding industrial environments, they offer excellent resistance to high temperatures, pressures, and corrosive fluids, ensuring a long service life and minimal pressure drop.

Technical Specifications

Filter Efficiency

99 %

Efficiency

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

Dimensions

Available Dimensions

Dimension Type	Range/Options
Outside Diameter	10 - 380 mm
Available Lengths	254, 508, 762, 1016 mm

Performance Features

Key Features

- Backwash and Reusable
- Uniform pore size distribution
- Good air permeability
- High filter efficiency
- Heat Resistance
- High corrosion resistance (316L)

Applications

Industrial Applications

Polyester filtration • Water treatment • Steam filtration • Oil filtration • Pharmaceutical • Chemical • Chemical fiber • Food industry • High temp gas/liquid