

Sintered Wire Mesh Filter Cartridge

Sintered mesh filter cartridges are designed for critical filtration applications, providing precise particle retention and robust construction. These cartridges are manufactured through a sintering process that creates a porous structure with controlled pore size distribution and excellent backwashing capabilities.



Product Overview

High-Performance Filtration Solutions

Sintered wire mesh filter cartridges are engineered for demanding industrial filtration environments requiring precise particle retention. By sintering multiple layers of woven wire mesh, these cartridges achieve a robust structure that ensures uniform pore size distribution and exceptional mechanical strength. Designed for longevity and reliability, they support backwashing and reuse, making them an ideal choice for high-temperature and corrosive chemical applications.

Technical Specifications

Performance Metrics

99 % Filter Efficiency	816 Max Operating Temp
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Raw Materials	SS 316L, SS 304
Filter Rating	0.5 - 300 Microns

Dimensional Data

Available Lengths

- 254
- 508
- 762
- 1016

Outside Diameter	10 - 380 mm
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Compatibility

Connector Options

- DOE
- 220
- 222
- 226
- Thread (NPT, BSP, G, M, R)
- Flange
- Special customization

Gasket Options

PTFE • Viton • Silicone • Buna-n • EPDM

Applications

Primary Applications

- Polyester filtration
- Water treatment
- Steam filtration
- Oil filtration
- Pharmaceutical industry
- Chemical industry
- Chemical fiber industry
- Food industry
- High temperature gas or liquid filtration