

Sintered Metal Powder Filter Cartridge

This filter cartridge utilizes depth filtration for effective particle removal. It has high mechanical strength, good integrity, and rigidity.



Product Overview

High-Performance Sintered Metal Filtration

These sintered metal powder filter cartridges are engineered for demanding industrial environments, offering exceptional mechanical strength and structural integrity. Constructed from high-grade materials like SS 316L and Titanium, they provide reliable depth filtration with excellent heat and corrosion resistance. Designed to handle extreme temperatures up to 816°C, these cartridges are ideal for critical processes in the petroleum, chemical, and nuclear power sectors.

Technical Specifications

Available Lengths

- 254
- 508
- 762
- 1016

Raw Materials	SS 316L, Titanium
Filter Rating	0.22 - 100 Microns
Max Operating Temperature	816 °C
Outside Diameter	10 - 100 mm

Configuration

Gasket Materials

PTFE • Viton • Silicone • Buna-n • EPDM

Connector Options

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

Performance Features

Key Features

- Depth filtration
- High mechanical strength
- Good integrity and rigidity
- Good permeability
- Heat resistance
- Corrosion resistance

Applications

Primary Applications

- Catalyst filtration and purification
- High temperature gas filtration (Petroleum & Chemical)
- High temperature flue gas filtration (Metallurgical)
- Off-gas filtration (Fluidized bed)
- Nuclear power plant off-gas and dust filtration