

# Sintered Metal Powder Filter Cartridge

This sintered powder filter cartridge provides depth filtration. It has high mechanical strength, good integrity, and rigidity.



## Product Overview

### High-Performance Sintered Metal Filtration

These sintered powder filter cartridges are engineered using advanced powder metallurgy, providing a robust porous structure ideal for demanding industrial filtration. Designed to handle extreme temperatures and corrosive environments, they offer high mechanical strength and reliable integrity. The cartridges are versatile, supporting a wide range of micron ratings and connection configurations to meet specific liquid and gas purification requirements.

## Technical Specifications

### Standard Lengths

- 254 mm
- 508 mm
- 762 mm
- 1016 mm

Raw Materials	SS 316L, Titanium
Filter Rating	0.22-100 Microns
Max Operating Temperature	816
Available Gasket Materials	PTFE, Viton, Silicone, Buna-n, EPDM

## Configuration

### Connector Styles

#### Connector Type

DOE

220

222

226

Thread (NPT, BSP, G, M, R)

Flange

Special customization

## Key Features

### Performance Advantages

Depth filtration • High mechanical strength • Heat resistance • Corrosion resistance • High permeability

## Industrial Applications

### Primary Uses

- Catalyst filtration and purification
- Petroleum and chemical industry gas filtration
- Metallurgical flue gas purification
- Fluidized bed off-gas treatment
- Nuclear power plant dust filtration