

# Sintered Stainless Steel Powder Filter Cartridge

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



## Product Overview

### High-Efficiency Sintered Filtration

These sintered stainless steel powder filter cartridges are engineered for robust performance in demanding liquid and gas filtration environments. Constructed from high-quality materials, they offer exceptional heat resistance, mechanical strength, and chemical stability. They provide precise depth filtration for critical applications ranging from high-temperature industrial processing to specialized nuclear power plant off-gas treatment.

## Technical Specifications

### Available Lengths

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

### Gasket Material

PTFE • Viton • Silicone • Buna-n • EPDM

### Connector Options

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

### Raw Materials

SS 316L, Titanium

### Filter Rating

0.22-100 Microns

### Max Operating Temperature

816

### Outside Diameter

10-100 mm

## Key Features

### Performance Advantages

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

## Applications

### Typical Industrial Applications

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