

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