

# Sintered Titanium Powder Filter Cartridge

This filter cartridge utilizes depth filtration for effective particle removal. Its high mechanical strength ensures durability and a long service life.



## Product Overview

### High-Performance Sintered Titanium Filtration

This sintered titanium powder filter cartridge is engineered for demanding industrial environments requiring superior heat and corrosion resistance. Featuring robust depth filtration capabilities, it ensures reliable particle removal with high mechanical integrity and excellent permeability. Designed for long-term operational durability, it is an ideal solution for high-temperature gas purification and aggressive chemical processing applications.

## Technical Specifications

### Standard Lengths

- 254 mm
- 508 mm
- 762 mm
- 1016 mm
- Custom lengths available

### Connection Types

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

Filter Rating	0.22 - 100 Microns
Operating Temperature	300
Outside Diameter	10 - 100 mm
Available Gaskets	PTFE, Viton, Silicone, Buna-n, EPDM

## Key Features

### Key Advantages

Depth Filtration • High Mechanical Strength • Heat Resistance • Corrosion Resistance • High Permeability

## Applications

### Primary Applications

- Catalyst filtration and purification
- High-temperature petroleum and chemical gas filtration
- Metallurgical flue gas filtration
- Fluidized bed off-gas treatment
- Nuclear power plant dust and off-gas purification