

# Sintered Titanium Powder Filter Cartridge

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



## Product Overview

### High-Performance Sintered Titanium Filtration

This sintered titanium powder filter element is engineered for demanding industrial environments requiring superior mechanical strength and chemical resistance. Featuring advanced depth filtration capabilities, it ensures excellent permeability and structural integrity under extreme temperatures. It is an ideal solution for critical purification processes in chemical, petroleum, and nuclear power industries.

## Technical Specifications

### Standard Lengths

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

Raw Material	Titanium
Filter Rating	0.22 - 100 Microns
Max Operation Temperature	300
Diameter Range	10 - 100 mm

## Compatibility & Configurations

### Connector Options

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

Gasket Materials	PTFE, Viton, Silicone, Buna-n, EPDM
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## Features & Applications

### Key Features

Depth filtration • High mechanical strength • Good integrity • Corrosion resistance • Heat resistance

### Applications

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