

# Sintered Titanium Powder Filter Plate

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



## Product Overview

### High-Performance Filtration Solution

The sintered titanium powder filter plate is an engineered solution for demanding industrial filtration processes. Leveraging advanced powder metallurgy, these plates provide exceptional depth filtration, high mechanical strength, and superior thermal resistance. Designed for compatibility with corrosive environments, they offer reliable performance for fluid management, catalyst support, and sensitive measurement devices.

## Technical Specifications

### Dimensions

Parameter	Limit
Max Length	800 mm
Max Width	320 mm
Available Thicknesses	1, 1.5, 2, 3, 5 mm

Material	Titanium
Filter Rating	0.22 Microns
Maximum Operating Temperature	300 °C

## Performance Features

Key Benefits	Depth filtration, High mechanical strength, Heat resistance, Corrosion resistance, High permeability
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## Applications

### Primary Applications

- Sensor components
- Inductors and detectors
- Survey meters
- Pressure release devices
- Polymer extrusion devices
- Electrode applications