

Sintered Titanium Powder Filter Disc

Sintered titanium powder filter discs offer depth filtration and high mechanical strength. These discs provide good integrity and rigidity for reliable performance.



Product Overview

High-Performance Sintered Titanium Filtration

The Sintered Titanium Powder Filter Disc is engineered for demanding industrial filtration tasks requiring high purity and durability. Manufactured through high-temperature sintering, these discs provide a robust, porous structure that ensures excellent permeability and consistent particle retention. With inherent corrosion resistance and structural integrity, they are ideal for chemical processing, pharmaceutical applications, and critical sensing environments.

Technical Specifications

Available Thicknesses

- 1 mm
- 1.5 mm
- 2 mm
- 3 mm
- 5 mm

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| Raw Material | Titanium |
| Filter Rating | 0.22-100 Microns |
| Max Operation Temperature | 300 |
| Maximum Diameter | 400 mm |

Key Features

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| Performance Features | Depth filtration, High mechanical strength, Heat resistance, Corrosion resistance, Good permeability |
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Applications

Primary Applications

- Sensor components
- Inductors
- Detectors
- Survey meters
- Pressure release devices
- Polymer extrusion
- Electrodes