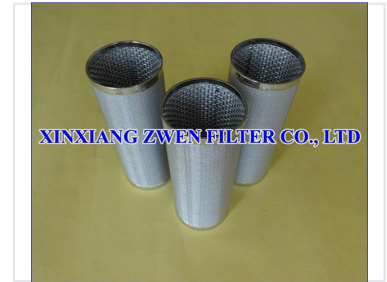


# Sintered Wire Mesh Filter Cartridge

This high-precision sintered mesh cartridge is designed for filtration applications requiring durability. It is constructed from multiple layers of woven wire mesh diffusion bonded for excellent resistance to high temperatures and pressures.



## Product Overview

### High-Efficiency Sintered Wire Mesh Filter

The sintered wire mesh filter cartridge is engineered for demanding industrial filtration applications requiring exceptional durability and particle retention. Constructed through a diffusion bonding process, it offers robust structural integrity, consistent pore distribution, and reliable performance under high temperatures and pressures. Designed for longevity, these cartridges support backwashing for reuse, providing a cost-effective and sustainable solution for demanding gas and liquid filtration systems.

## Technical Specifications

### Performance Metrics

**0.5 Microns**

Minimum Rating

**300 Microns**

Maximum Rating

**99 %**

Filter Efficiency

**816**

Max Temperature

### Standard Lengths

- 254
- 508
- 762
- 1016

### Raw Materials

SS 316L, SS 304

## Design & Compatibility

### Gasket Materials

PTFE • Viton • Silicone • Buna-n • EPDM

### Connector Configurations

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

## Application & Features

### Key Features

- Backwash and Reusable
- Uniform pore size distribution
- Good air permeability
- High thermal resistance
- Corrosion resistance (316L grade)

### Industrial Applications

Water treatment, Pharmaceutical, Chemical, Food industry, Polyester filtration, Steam filtration, Oil filtration