

PP Spun String Wound Filter Cartridge

This filter cartridge features a honeycomb-like structure for effective removal of suspended solids, particulates, and rust from liquids. The polypropylene string wound design ensures high-quality filtration.



ADDITIONAL IMAGES



Overview

High-Efficiency Depth Filtration

The PP String Wound filter cartridge is an industrial-grade depth filter engineered for the high-capacity removal of sediments, rust, dirt, and sand. Constructed with a robust polypropylene core and precision-wound fibers, it provides exceptional dirt-holding capacity and consistent flow rates. Its versatile material compatibility and wide range of configurations make it an ideal choice for protecting sensitive processes across the microelectronics, beverage, and petrochemical industries.

Technical Specifications

Dimensions

| Parameter | Range/Value |
|----------------|--------------------|
| Outer Diameter | 50-120 mm |
| Inner Diameter | 28/30 mm |
| Length | 5/10/20/30/40 inch |

Key Performance Indicators

4.2 bar

Max Differential Pressure

0.6 m²

Filtration Area (10 inch)

Pore Size Range

0.5 - 100 μ m

Materials and Compatibility

| | |
|------------------------|---|
| Construction Materials | Polypropylene, Cotton, Glass Fiber, Silicone, Viton, EPDM |
| PH Resistance | 1 - 13 |

Operating Conditions

Maximum Operating Temperatures

- Polypropylene: 80°C (172°F)
- Cotton: 130°C (280°F)
- Glass Fiber: 300°C (645°F)

Application

Compatible Industries

Water Purification, Beverage & Wine, Microelectronics, Medicine, Sewage Treatment, Electroplating, Optical, Petrochemical