

Wound Filter Cartridge



Wound cartridges are designed to meet the most demanding filtration duties. They offer an economic, compact, easily installed and maintained filtration system for removal of particulates from liquid. Wound cartridges are manufactured from a variety of carefully selected raw materials. These are processed into fibers of specific grades using the latest technology. After carding & spinning they are wound into cartridges with carefully controlled micron rating. From raw materials to finished products we are in control of the quality and filtration characteristics. They are appreciated due to high dirt holding capacity and its rugged construction which allows facing different applications in liquid and gas filtration.

Operation

Unfiltered fluid passes through depth filter matrix, which enables the progressive retention of finer particles, providing high efficiency, high dirt retention & long filter life. Fluid flows from outside to inside through filter media. Particulates are held securely in the filter matrix and clean fluid flows to the downstream side of cartridge.

Salient Features

- Standard and customized sizes to fit most housings
- Filtration rating from 1 to 100 Micron
- High strength & pressure resistance
- Manufactured in continuous length
- Full range of sizes from 10" to 60" Length
- Excellent flow with low pressure drop
- High dirt holding capacity
- Compatible with a wide range of fluids
- NSF & FDA approved filter cartridges are available.

Technical Specifications

• Sizes	10", 20", 30", 40", 50", 60" Long
• Micron Rating	1, 5, 10, 25, 50, 75, 100
• Outer Diameter	64 mm (2.5") 100 mm (4"), 110mm (4.5") 6", 8"
• Inner Diameter	25mm

Configuration

- Double Open Type (DOE Type), 226 O'Ring design & 222 O'Ring Design.

Construction

- Polypropylene with polypropylene core
- Cotton with stainless steel core
- Glass fiber with stainless steel core

Applications

Polypropylene wound filter cartridge

- Organic Acids
- Oils
- Concentrated Alkalis
- Water
- Organic solvents
- Electroplating solution
- Photographical process fluid

Cotton wound filter cartridge

- Vegetable Oils
- Dilute Acids
- Alkalis
- Organic solvents
- Portable liquids

Glass fiber wound filter cartridge

- High temperature filtration of
- Mineral Acids
- Organic solvents
- Oils

