



Specification Sheet

WOUND FILTER CARTRIDGE (POLYPROPYLENE/ MICROGLASSFIBER COTTON)



SS Filters Wound Filter Cartridges are manufactured using a high speed, continuous wind process which creates a superior one-piece filter with hundreds of diamond shaped tunnels that get progressively smaller from the outer diameter to the core. Finer particles are progressively trapped as fluid travels to the centre of the filter allowing for much greater retention capacity than straight surface filter media of same dimensions & porosity.

The double O-ring sealing system ensures positive sealing of the filter cartridge within the housing and virtually eliminates and potential for bypass. The all-polypropylene construction provides excellent chemical compatibility in a wide variety of process streams.

Wound cartridges are available in a wide range of lengths and micron sizes. Two sizes are available- Standard and Jumbo as per your flow rate and volume requirements.

FEATURES & BENEFITS:

- True Depth filtration
- High Solids holding capacity
- Wide chemical compatibility
- A broad range of media and centre core options provide excellent compatibility with a variety of fluids.
- Removal ratings from 1 to 20µm
- High efficiency but low in price for equipment installation & cost saving
- Fits into most standard housings
- Graded pore structure for efficient removal of a wide range of particle size

PRODUCT SPECIFICATION

Micron Rating	1, 5, 10, 20 μ
Length	10", 20", 30", 40"
Inner Dia-Standard size	28 mm
Inner Dia- Jumbo size	28 mm
Outer Dia-Standard size	60-62 mm
Outer Dia- Jumbo size	105-110 mm
Effective Surface area per 10" cartridge element	3.5 sq. feet

CONSTRUCTION:

Filter media: 100% Polypropylene fiber / Microglassfiber/ Cotton

Support media: Polypropylene fiber

- Inner core: Polypropylene cage/ Stainless steel for cotton wound
- End Caps: Polypropylene if code 7 type
- 'O' Rings: Silicone/ EPDM/ Viton

CONFIGURATION:

- Double open end type (DOE Type)
- Code 7S (226 'O' Ring design/ Bayonet or fin)

APPLICATIONS:

- Organic Acids, Alkalis, Solvents
- Chemical industries
- Food & Beverage
- Electronic Industry
- Potable liquids, oils
- Fishing industry
- Cosmetic industry
- Solar heating system
- Petrochemical industry
- Water based solutions
- Reverse osmosis pre treatment