

String Wound/Yarn Sediment Filter Cartridge

Wound (Yarn) Cartridge Filters are depth-type cartridges designed for the removal of suspended solids, sand, silt, rust, and other particulate impurities. The filter media is precisely wound over a strong core, creating a graded density structure that offers high dirt-holding capacity, excellent flow rates, and long service life. These filters are widely used in residential, industrial, and commercial water treatment applications.



Key Feature

- > Durable FRP construction with high chemical resistance
- > Suitable for water, chemicals, and industrial liquids
- > Lightweight and easy to install
- > Compatible with Size 1 (7" x 17") and Size 2 (7" x 32") bags
- > High flow capacity with low pressure drop
- > Available in single-bag and 3-bag multi-bag designs
- > Optional vent, drain, pressure gauge ports, and support stand

Parameters	Specification
Filter Type	String wound (yarn) sediment filter
Micron Ratings	1µm, 5µm, 10µm, 20µm, 25µm, 50µm, 75µm, 100µm
Outer Diameter	2.5 (63 mm), 4.5 Big Blue (115 mm)
Lengths Available	10, 20, 30, 40, (Standard); BB in 10 & 20
Yarn Materials	100% Polypropylene (PP)
Core Materials	PP, SS304, SS316
End Connections	DOE (Double Open End) Standard; SOE Optional
Maximum Differential Pressure	PP Yarn: 2.5 bar; Cotton/Glass: 4.0 bar
Filtration Mechanism	Depth filtration with graded density winding
Typical Applications	RO Prefiltration, Industrial Water, Chemicals, Oil & Coolant, Food & Beverage, Boiler Feed Water