



String wound candle filters

The string wound cartridges can be used in a wide range of applications as pre-filters in protection of final filtration systems.

Our range of string wound cartridges covers five different filter materials with a wide range of filtration efficiency between 0.5 and 150 μm .
Filter finishes available on request.

Main Features of the Product::

- String windings become more compacted the closer to the core which makes the cartridge is capable of catching larger impurities in the outer part of the filter and smaller ones inside.
- Homogenous, compact structure obtained during the winding process prevents damage to the continuity of filter surface - which eliminates uncontrolled flow of medium, or the so called By-pass.
- High repeatability of elements obtained through a technologically advanced production process.
- Particle sizes from 0.5 to 150 μm .
- Wide range of materials that can be used to make the element - wide range of applications based on the required operating temperature and chemical resistance.
- High pollutant absorption effectiveness.
- High flow and low pressure drops.

Technical specification:

Filter material	Bleached cotton, Fibreglass, Polypropylene Polyester
Core material	Polypropylene, AISI 304 Stainless steel, AISI316 Stainless steel
Finishing	DOE - double open, one side open type 222 O-ring
Finishing material	Polypropylene 222 Buna (NBR) O-Ring Sealing, Viton, Teflon, Neoprene Silicone
Filter efficiency [μm]	0,5; 1; 3; 5; 7; 10; 15; 20; 25; 30; 40; 50; 75; 100; 125; 150
Dimensions of cartridges	Outer diameter between 63 and 114 mm Length between 50 and 1828
Max. temperature	Cotton 150 °C, Fibreglass 399 °C, Polyester 120 °C, Polypropylene 80 °C
Recommended replacement ΔP	1,5- 2,5 bar