

PROSES - T.I.M.

PROSES

Ticaret, İmalat, Mühendislik

# STRING WOUND FILTER CARTRIDGES

String Wound Filter Cartridges we produce are:

- easy to use,
- suitable for home use,
- have water and various solutions filtration capability for industrial companies,
- have efficient filtration features.

Our production types are presented below:

Filter Type	: Normal diametered filter, big filter
Filter Length	: 5, 9.75 (9 $\frac{3}{4}$ ), 10, 20, 30, 40 inches
Filtration Size	: 1, 1/3, 5, 10, 15, 20, 25, 30, 50, 100...micron
Core Material	: Stainless steel or %100 Polypropylene
Filter Material	: %100 Polypropylene and %100 pure cotton string specially produced and in suitable with the filtration technology.



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# **INFORMATION ABOUT USAGE OF STRING WOUND FILTER CARTRIDGES**



In the standard production, the stainless steel material used in string wound cartridge core is AISI 304 or AISI 316 type stainless steel.

The Polypropylene, used in made of Polypropylene filter cartridges is;

- %100 pure,
- Non-toxic,
- Appropriate for chemical processes, food industry, filtration of drink and pure water production systems used in the medical sector.

The string, used as filter material, is;

- made of %100 pure cotton and %100 Polypropylene,
- Suitable for filtration technology and produced specially.

Due to these features, it is proper to be used in the areas outlined above.

Used in liquid filtration in general, these filters also can be used for filtration process of particles in air and gas phase.

The core of the filter cartridge is made of Polypropylene. It has high resistance properties. The cores are resistant to high pressure and their specific design. Maximum continuous operating temperature is 80-90 °C and maximum peak temperature is around 100-110 °C.

Polypropylene is resistant acids, bases, organic substances and many chemicals and It is widely used in many fields.

## **Service Life of The Filters:**

The service life of the filters depends on the process structure that is performed in the industrial foundations. The filters need to be changed when the flow rate reduction begins or when the pressure difference between inlet and outlet of the filter reaches to the rate which is defined in operating instructions.

Since reusing the filter causes efficiency loss, it is recommended that the filters should be changed once a month or twice or when the outer surface of filter gets dirty. To prevent efficiency loss of your filter, after washing the filter container, discard the old polluted filter and replace it with a new one.