

PROSES - T.I.M.

PROSES

Ticaret, İmalat, Mühendislik



O-RINGED CARTRIDGE FILTERS

(Filter Cartridges SOE,
flat closed end,
external 222 O-ring)

String Wound Filter Cartridges that we produce are:

- easy to use,
- suitable for home use,
- have water and various solutions filtration capability for industrial foundations, have efficient filtration features. Also the others types of these filters are O-ringed cartridge filters.

Our production types are presented below:

Filter Type	: 222 O-ringed
Filter Length	: 5, 9.75 (9 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 thread produced specially and in accordance with the filtration technology.

(STRING WOUND & MELT-BLOWN)



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INFORMATION ABOUT USAGE OF 222 O-RINGED CARTRIDGE FILTERS

The filter cartridge with O-ring has two end caps and core. It is made of %100 pure polypropylene materials. It Does not contain toxic substances. As a result, that can be used in chemical and food processes, in water treatment and medical use.

The thread, 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.

Though the standard O-ring material is NBR, depending upon the customers' requirement, we produce EPDM, VITON and SILICON O-ringed filters.

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 the 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.