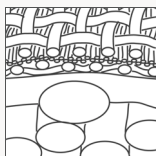


Stainless Steel and PTFE Filter Elements

Stainless Steel Filter Elements

Stainless steel filter elements are made up of several layers of 316 mesh that are sintered together to form an integrated porous element. The middle mesh is of very fine gauge and determines the filtration rates, this layer is then overlaid with inner and outer layers of coarser mesh to give support and protection.



Sintered stainless steel filter elements are very useful in heavily contaminated applications and for use as pre-filters before disposable type final filters. Gaskets are required with stainless steel filter elements and the options are, Viton, PTFE, or high temperature.

These filter elements are a typical surface filter and the contaminant are retained on the surface of the filtration layer, this makes cleaning and back flushing very easy. These filter elements should be ultrasonically cleaned to give best results.

Standard Sizes

12.32.□ 25.64.□ 25.178.□ 51.230.□
 12.57.□ 25.127.□ 38.152.□ 51.476.□

Replace the □ in the part numbers shown with the grades in the tables below. For example, 25.64.S10V.

Stainless Steel Elements

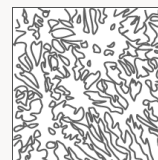
	1 μm	2 μm	10 μm	20 μm	40 μm	100 μm	200 μm
Viton Gaskets	S1V	S2V	S10V	S20V	S40V	S100V	S200V
PTFE Gaskets	S1T	S2T	S10T	S20T	S40T	S100T	S200T
High Temperature Gaskets	S1H	S2H	S10H	S20H	S40H	S100H	S200H

Box Quantities - SS elements are supplied in boxes of one.

PTFE Filter Elements

PTFE filter elements are produced by sintering pure PTFE granules, no other substances are used in the construction. These filter elements are usually offered when only 100% pure PTFE can be used. Normally it is preferable to offer a K type disposable filter element, if these are suitable, as both pressure drop and service life characteristics are superior to the PTFE filters.

The advantages of PTFE is the higher maximum temperature, up to 200 °C, and a better chemical resistance to certain substances. PTFE elements should be ultrasonically cleaned to give best results.



Two grades are available - 2μm and 20μm.

PTFE Elements

2 μm	12.32.T2	12.57.T2	25.64.T2	25.178.T2	51.230.T2	51.476.T2
20 μm	12.32.T20	12.57.T20	25.64.T20	25.178.T20	51.230.T20	51.476.T20

Box Quantities - PTFE elements are supplied in boxes of one.