

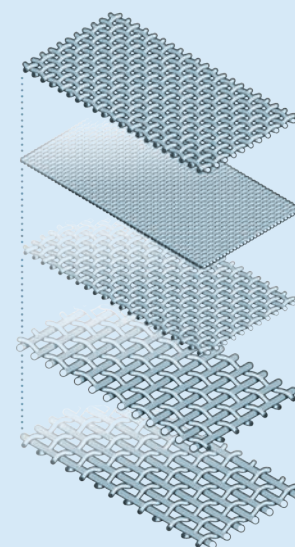
5-Layer Sintered Stainless Steel Elements

Stainless steel filter elements are made up of five 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. Seals are required with these stainless steel filter elements and the options are, Viton, PTFE, or copper-alloy for high temperature applications.

5-Layer Sintered Stainless Steel Element Grades									
Seals	Max. T.	1 µm	2 µm	5 µm	10 µm	20µm	40µm	100µm	200µm
Viton	200°C	S1V	S2V	S5V	S10V	S20V	S40V	S100V	S200V
PTFE	200°C	S1T	S2T	S5T	S10T	S20T	S40T	S100T	S200T
Copper	480°C	S1H	S2H	S5H	S10H	S20H	S40H	S100H	S200H



5 Layers of SS Mesh

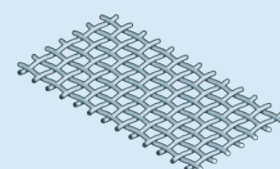
The middle mesh determines the filtration rate and this is overlaid with inner and outer layers of coarser mesh to give support.

Single Layer Woven Mesh SS Elements

These stainless steel filter elements are made up of a single layer of 316 woven wire mesh. Ideal for applications where a low cost stainless steel filter alternative is required.

Due to the method of the construction these filter elements do not require any seals.

Woven Mesh Stainless Steel Element Grades									
25 µm	50 µm	75 µm	100µm	150µm	200µm	250µm	300µm	350µm	400µm
SS25	SS50	SS75	SS100	SS150	SS200	SS250	SS300	SS300	SS400



Single Layer SS Mesh

Sintered Powder Stainless Steel Elements

These stainless steel filter elements are made up of sintered powdered 316 material. These can be supplied in a wide range of diameters and lengths.

Please let us know what you need.

Standard Sizes

Filter Elements are available in a wide range of standard diameters and lengths. These are based on traditional industry standard sizes and allow the elements to be installed in other proprietary equipment.

10.57.□ 12.32.□ 12.57.□ 25.64.□ 25.178.□ 38.58.□ 38.152.□ 45.127.□ 51.89.□ 51.230.□ 51.476.□ 63.762.□

Replace the □ in the part numbers shown with the grade selected from the tables above.