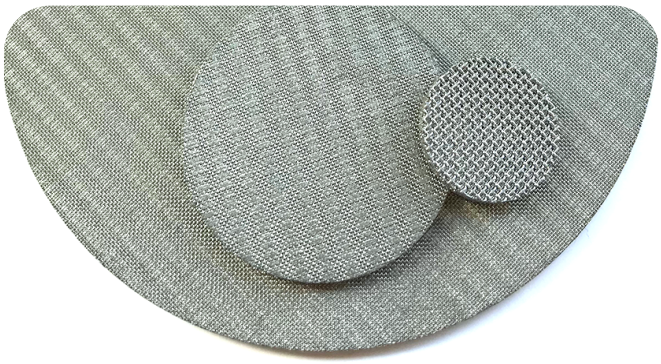
Sintered Stainless Steel Filter Discs

Stainless steel filter discs 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.



Filter discs are 1.75mm thick and are available in a range of standard diameters.

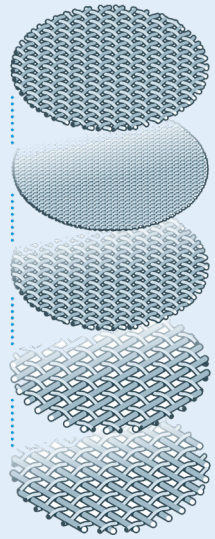
Standard Sizes					
FD.13.☐	FD.25.☐	FD.33.☐	FD.47.☐	FD.61.☐	FD.101.☐

Replace the ☐ in the part numbers shown with the grade selected from the tables below.

Standard Grades									
Seals	Max. T.	1µm	2µm	5µm	10µm	20µm	40µm	100µm	200µm
Viton	200ºC	S1V	S2V	S5V	S10V	S20V	S40V	S100V	S200V
Nitrile	110ºC	S1N	S2N	S5N	S10N	S20N	S40N	S100N	S200N
EPDM	150ºC	S1E	S2E	S5E	S10E	S20E	S40E	S100E	S200E

Special Sizes

Special size filter discs can also be produced. We can manufacture in a wide range of different diameters.



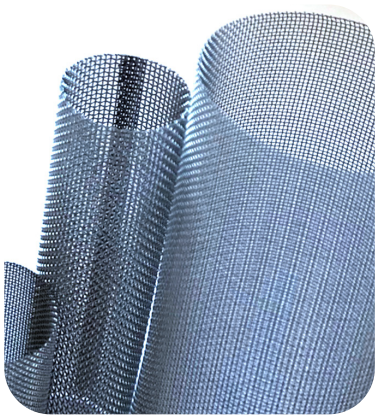
Five Layers of SS Mesh

One layer of 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 Filter Elements

These stainless steel filter elements are made up of a single layer of 316 woven wire mesh in welded tube. 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.



Standard Sizes				
12.32.☐	12.57.☐	25.64.☐	25.178.☐	38.152.☐

Replace the ☐ in the part numbers shown with the grade selected from the tables below.

Standard Grades									
25µm	50µm	75µm	100µm	150µm	200µm	250µm	300µm	350µm	400µm
SS25	SS50	SS75	SS100	SS150	SS200	SS250	SS300	SS350	SS400

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