

Filter media: Endless options. Steri has extensive knowledge to help you find the right filter screen. We work closely with each client, reviewing the process requirements to find the best match of material and pore size. Steri offers the ability to test various combinations in our laboratory, and finding the most effective solution.

Wire Cloth

Metal screens come in a variety of materials and pore sizes. Woven metal cloth filter screens are folded over the outer edge of the filter plate and clamped in place. Plates are delivered assembled with the screens and clamps installed. Steri maintains inventory of the most widely used screen materials.

Frequently used materials:

304 Stainless Steel
316 Stainless Steel
317 Stainless Steel
904 Stainless Steel
Hastelloy C-276
Hastelloy C-22
Hastelloy B-2
Hastelloy G-30
Inconel 625
Nickel

Frequently used microns:

5 micron TWP	60 micron PZ
10 micron	70 micron ABS
20 micron	75 micron
25 micron	80 micron
40 micron PZ	100 micron
50 micron	130 micron
55 micron	

Filter Cloth

Non-metallic filter screens are available in a variety of materials and pore sizes. Cloth filter screens are folded over the outer edge of the filter plate, stretched taught using Steri supplied tools, and clamped in place. Steri maintains inventory of the most widely used screen materials.

Frequently used filter cloths:

10 micron	Polypropylene
10 micron	PTFE Brown
20 micron	PTFE White
60 micron	Polyethylene
60 micron	Nylon

Multi-Layer Screen

Process applications may demand higher filtration performance. Multi-layer screens meet those demands. These screens are more rigid than the woven type screens and will not fold over the edge of the plate to be clamped. Therefore, the outer edge of the multi-layer screen is robotically welded to the edge of the filter plate. Multi-layer screens are longer lasting and the welded edges are polished flush improving cake release. Welded plates can be refurbished at Steri.

Frequently used multi-Layers

4 Multi-Layer 316 Stainless Steel