

Custom Wire Cloth Filters

We specialize in the custom manufacturing of wire cloth filters tailored to your exact engineering specifications. Our filters are fabricated using high-precision weaving and forming techniques, ensuring consistent performance across a broad range of industrial applications. Whether you need single-layer screens, multi-layer mesh packs, or framed wire mesh filters, we provide custom solutions designed for performance, durability, and reliability.

Industries Served:

- Pharmaceutical & Biotech – Sterile filtration and cleanroom applications
- Food & Beverage – Filtration for processing, sieving, and separation
- Automotive – Fuel, oil, and hydraulic filter elements
- Petrochemical & Refining – Corrosion-resistant mesh filters for chemical processing
- Water Treatment – Fine mesh filtration for municipal and industrial water systems
- Aerospace & Defense – Lightweight, precision-fabricated components
- Industrial Manufacturing – General-purpose strainers, screens, and media supports

Available Alloys:

- Stainless Steel (304, 316, 316L, 430)
- Monel® 400 and 500
- Inconel® 600, 625, 718
- Hastelloy® C-22, C-276
- Nichrome & Nickel 200
- Brass, Bronze, Copper
- Titanium & Tantalum
- Carbon Steel (Galvanized or Plain)

Wire Cloth Filter Specification Sheet

Mesh Count	Wire Diameter (in)	Opening Size (in)	Open Area (%)	Micron Rating (Approx.)
4 x 4	0.047	0.203	64	5000
10 x 10	0.020	0.080	64	2000
20 x 20	0.016	0.034	46	800
40 x 40	0.010	0.015	36	400
80 x 80	0.0055	0.007	30	180

100 x 100	0.0045	0.0055	30	150
200 x 200	0.0021	0.0029	33	74
325 x 325	0.0014	0.0017	30	44

Custom Options Available:

Welded edges, gaskets, and formed shapes

Multi-layer screens for depth filtration

Heat-treated or sintered mesh packs

Framed or framed-in-housing configurations

Epoxy bonding, spot welding, soldering, or crimping options