

Heanjia Super-Metals Co., Ltd

Woven Wire Mesh or Cloth

Heanjia Super-Metals knows the correct weaving style for individual specification through its experience in wove wire mesh production for above 30 years. We guarantee the most fit woven wire mesh for every demand with our weaving capacity using the materials like Nickel, Titanium, Copper, Monel, Inconel, Incoloy, Hastelloy, Nichrome and others.



The mesh can be supplied in the form of rolls, pieces, strips, filters and screens to meet your needs in small to large magnitudes. Filter discs are widely used for manufacturing mesh filters for prolong service with outstanding service features.

Further Weaving Fabrications

In addition of weaving the wire, we also offer further processing when needed for a specific application. Few of further weaving treatments are:

Calendaring: The calendaring process includes the wire cloth passing through double steel rollers to receive a specific reduction on the net thickness. To some level, the mesh is also stabilized and lies flat, hence more easily treated than regular mesh.

Strip Cutting: Mesh is cut into strips down to some millimeters in width. On the base of cloth, 30 to 650 feet lengths can be delivered.

Edges: Wire cloth rolls are woven edges or cut edges, on the base of whether it is woven traditionally with a shuttle or on a shuttleless loom.

Size conversion

1 mm	0.039 in	1 in	25.4 mm
1 m	3.281 ft	1 ft	0.3048m
1 m2	10.764 ft2	1 ft2	0.0929 m2
1 kg	2.205 lbs	1 Lb	0.454 Kg
1 kg/m2	20.48 lb/100 ft2	1 lb/100 ft2	0.0488 Kg/m2

Cross Twill Weave Type:

Mesh per inch	Wire dia.		Aperture		Open area	Weight (LB)/100 foot ²
1 x 1	.080 inch	2.03 mm	.920 inch	23.37 mm	84.6 %	41.1
2 x 2	.063 inch	1.60 mm	.437 inch	11.10 mm	76.4 %	51.2
3 x 3	.054 inch	1.37 mm	.279 inch	7.09 mm	70.1 %	56.7
4 x 4	.063 inch	1.60 mm	0.187 inch	4.75 mm	56 %	104.8
5 x 5	.041 inch	1.04 mm	0.159 inch	4.04 mm	63.2 %	54.9
10 x 10	.025 inch	0.64 mm	.075 inch	1.91 mm	56.3 %	41.2
24 x 24	.014 inch	0.356 mm	.0277 inch	0.70 mm	44.2 %	31.8
80 x 80	.0055 inch	0.140 mm	0.0070 inch	0.18 mm	31.4 %	16.9
90 x 90	.005 inch	0.127 mm	0.0061 inch	0.16 mm	30.1 %	15.8
100 x 100	.0035 inch	0.089 mm	0.0065 inch	0.17 mm	42.3 %	8.3
120 x 120	0.0037 inch	.0940 mm	.0064 inch	.01168 mm	30.7 %	11.6
160 x 160	0.0025 inch	0.0635 mm	0.0038 inch	.0965 mm	36.4 %	5.94
200 x 200	0.0021 inch	0.0533 mm	0.0029 inch	.0737 mm	33.6 %	6.2
250 x 250	0.0016 inch	0.0406 mm	0.0024 inch	.0610 mm	36 %	4.4
300 x 300	0.0051 inch	0.0381 mm	.0018 inch	.0457 mm	29.7 %	3.04

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www.nickel-wiremesh.com