

Locker Woven Wire Mesh

The Locker Group of companies are specialists in the manufacture of woven wire mesh and wire mesh products.

We maintain a comprehensive stock of stainless steel woven wire mesh, and can also supply plain, galvanised and other alloys in a variety of roll widths and weave types.



Wire mesh is woven on automatic rapier type looms which tightly regulate the number of wires that make up the mesh and maintain consistency in aperture size and mesh thickness.

Available on the roll or cut to size

Locker Wire cloth can be supplied on the roll, 'as cut' from the roll or supplied cut to size or in strip form, and is always identified with labels showing the material description, mesh and aperture or wire diameter, dimensions and number of pieces, if applicable. Standard roll lengths are 30.5 metres x 1220mm wide. A limited number of specifications are available up to 2000mm.

We have detailed our standard stock specifications overleaf and these are always available in stainless steel and in some specifications, plain and galvanised steel. Other metals and special alloys are generally made to order - please contact us with your special requirements.

We provide full support

For further information on our products see the Buyers Guide and FAQ.

All our wire mesh is manufactured in accordance with International Standards.

Locker is an accredited ISO 9001:2008 organisation and is committed to the provision of quality products.



Stock Specifications

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Specifications listed by Mesh No. Other specifications available on request.

Mesh No	Aperture (mm)	Diameter (mm)	Open Area %	Weight Kg/M ²	Mesh No	Aperture (mm)	Diameter (mm)	Open Area	Weight Kg/M ²
2	11.100	1.600	76.40	2.54	18	1.011	0.400	51.30	1.43
3	6.867	1.600	65.80	3.82	18	0.961	0.450	46.39	1.82
3	6.467	2.000	58.30	5.96	18	0.911	0.500	41.69	2.25
4	5.450	0.900	73.70	1.61	20	0.915	0.355	51.90	1.25
4	5.100	1.250	64.50	3.11	20	0.82	0.450	41.7	2.01
4	4.750	1.600	56.00	5.09	20	0.770	0.500	36.76	2.50
5	4.080	1.000	64.50	2.48	22	0.935	0.220	65.52	0.53
6	3.333	0.900	62.00	2.41	24	0.658	0.400	38.69	1.92
6	2.983	1.250	49.70	4.66	28	0.552	0.355	37	1.75
7	2.919	0.710	64.69	1.76	30	0.682	0.165	64.82	0.41
8	2.718	0.457	73.28	0.84	30	0.623	0.224	54.1	0.75
8	2.465	0.710	60.30	2.00	30	0.567	0.280	44.8	1.17
8	2.275	0.900	51.30	3.22	34	0.497	0.250	44.3	1.06
10	1.980	0.560	60.80	1.56	36	0.482	0.224	46.58	0.90
10	1.830	0.710	51.91	2.52	36	0.456	0.250	41.7	1.12
10	1.640	0.900	41.69	4.05	40	0.411	0.224	41.9	1.00
12	1.667	0.450	62.00	1.21	44	0.357	0.220	38.30	1.06
12	1.557	0.560	54.10	1.87	50	0.308	0.200	36.8	0.99
14	1.564	0.250	74.34	0.44	60	0.263	0.160	38.7	0.76
14	1.414	0.400	60.80	1.11	70	0.287	0.076	62.50	0.20
14	1.364	0.450	56.50	1.41	70	0.223	0.140	37.72	0.69
16	1.308	0.280	67.84	0.63	70	0.203	0.160	31.3	0.89
16	1.233	0.355	60.30	1.00	80	0.193	0.125	36.8	0.62
16	1.188	0.400	56.00	1.27	80	0.178	0.140	31.3	0.78
16	1.138	0.450	51.30	1.61	84	0.239	0.063	62.67	0.17
16	1.028	0.560	41.89	2.51	84	0.212	0.090	49.4	0.34
18	1.177	0.234	69.58	0.49	100	0.198	0.056	60.77	0.16

Woven Wire Mesh

www.wiremesh.co.uk



Stock Specifications cont.

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Specifications listed by Mesh No. Other specifications available on request.

Mesh No	Aperture (mm)	Diameter (mm)	Open Area %	Weight Kg/M ²
100	0.154	0.100	36.8	0.50
100	0.142	0.112	31.3	0.62
120	0.149	0.063	49.33	0.24
120	0.122	0.090	33	0.48
130	0.152	0.043	60.83	0.12
145	0.130	0.045	55.22	0.15
145	0.112	0.063	41.01	0.29
150	0.104	0.065	37.96	0.32
160	0.123	0.036	59.79	0.10
165	0.104	0.050	45.6	0.20
180	0.111	0.030	62.00	0.08
180	0.091	0.050	41.7	0.22
200	0.099	0.028	60.77	0.08
200	0.087	0.040	46.9	0.16
200	0.077	0.050	36.8	0.25
230	0.074	0.036	45.4	0.15
250	0.062	0.040	36.8	0.20
270	0.058	0.036	38.1	0.17
300	0.055	0.030	41.7	0.13
300	0.049	0.036	33	0.19
325	0.050	0.028	41.80	0.13
325	0.048	0.030	38	0.15
325	0.042	0.036	29.1	0.21
350	0.043	0.030	34.4	0.16
400	0.039	0.025	36.8	0.12
400	0.034	0.030	27.8	0.18
500	0.026	0.025	25.79	0.16

Weights per unit area are shown for stainless steel wirecloth.

To calculate weights per unit area for other metals multiply the figures shown above by the following factors:

Plain Steel	1.006
Brass	1.094
Phosphor Bronze	1.131
Nickel	1.141
Copper	1.149

Experienced engineering staff based at our Design and Technical Centre are available to offer advice and guidance in the selection of the most appropriate material for given applications.