



# BSF AUSTRALIA

## Plain Weave, Fine Mesh Cloth

Wire Cloth having a mesh count greater than 90 x 90 is referred to as Fine Mesh.

Fine Mesh Wire Cloth is available in Monel, Nickel and Stainless Steel materials. Fine Mesh specifications are typically X stock in Stainless Steel Type 304/316.

Meshes Per Linear Inch	Diameter of Wires		Width of opening		Weight 100 sq. ft	Open Area %
	Inch	mm	inch	mm		
100 Mesh	0.0045"	0.114	0.0055"	0.1397	16.2	30.3%
110 Mesh	0.0040"	0.102	0.0051"	0.1295	13.9	31.4%
120 Mesh	0.0037"	0.094	0.0046"	0.1168	13.0	30.7%
130 Mesh	0.0034"	0.087	0.0043"	0.1092	11.9	31.1%
140 Mesh	0.0029"	0.074	0.0042"	0.1067	9.3	34.9%
150 Mesh	0.0026"	0.066	0.0041"	0.1041	8.0	37.4%
160 Mesh	0.0025"	0.064	0.0038"	0.0965	7.9	36.4%
170 Mesh	0.0024"	0.061	0.0035"	0.0889	7.7	35.1%
180 Mesh	0.0023"	0.059	0.0033"	0.0838	7.5	34.7%
200 Mesh	0.0021"	0.054	0.0029"	0.0737	7.0	33.6%
220 Mesh	0.0017"	0.044	0.0028"	0.0711	5.0	38.7%
240 Mesh	0.0016"	0.041	0.0026"	0.0660	4.7	38.3%
250 Mesh	0.0016"	0.041	0.0024"	0.0610	5.1	36.0%

## Twilled Weaves, Fine Mesh Cloth

Meshes Per Linear Inch	Diameter of Wires		Width of opening		Weight 100 sq. ft	Open Area %
	Inch	mm	inch	mm		
110 Mesh	0.0045"	0.114	0.0046"	0.1168	17.2	25.6%
120 Mesh	0.0040"	0.102	0.0043"	0.1092	14.8	26.8%
130 Mesh	0.0038"	0.097	0.0039"	0.0991	14.5	25.6%
140 Mesh	0.0033"	0.084	0.0038"	0.0965	11.8	28.6%
150 Mesh	0.0030"	0.076	0.0037"	0.0940	10.4	30.4%
160 Mesh	0.0028"	0.071	0.0035"	0.0889	9.6	30.8%
170 Mesh	0.0026"	0.066	0.0033"	0.0838	8.8	31.2%
180 Mesh	0.0025"	0.064	0.0031"	0.0787	8.6	30.6%
200 Mesh	0.0023"	0.059	0.0027"	0.0686	8.1	29.1%
230 Mesh	0.0018"	0.046	0.0025"	0.0647	5.8	34.3%
250 Mesh	0.0016"	0.041	0.0024"	0.0610	4.9	36.0%
270 Mesh	0.0016"	0.041	0.0021"	0.0533	5.3	32.2%
300 Mesh	0.0015"	0.038	0.0018"	0.0457	5.2	29.7%
325 Mesh	0.0014"	0.036	0.0017"	0.0432	4.9	30.7%
400 Mesh	0.0010"	0.026	0.0015"	0.0381	3.7	36.0%

**BSF Australia**

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## MARKET GRADE WIRE CLOTH

Market Grade wire mesh is woven using moderate wire diameters, resulting in a high strength square mesh cloth, suitable for general purpose industrial screening. Market Grade Cloth is woven in Stainless Steel, Phosphor, Bronze, Brass, Copper, Aluminium, Monel or Nickel.

Meshes Per Linear Inch	Diameter of Wires		Width of opening		Weight per sq ft		Open Area %
	Inch	mm	Inch	mm	Steel	Brass	
2 Mesh	0.063	1.60	0.437	11.10	.512	.566	76.4%
3 Mesh	0.054	1.37	0.279	7.09	.567	.627	70.1%
4 Mesh	0.047	1.19	0.203	5.16	.576	.637	65.9%
5 Mesh	0.041	1.04	0.159	4.04	.549	.607	63.2%
6 Mesh	0.035	0.89	0.132	3.35	.481	.532	62.7%
8 Mesh	0.028	0.71	0.097	2.46	.411	.454	60.2%
8 Mesh	0.035	0.89	0.090	2.29	.651	.719	51.8%
8 Mesh	0.047	1.19	0.078	1.98	1.209	1.336	38.9%
10 Mesh	0.025	0.64	0.075	1.91	.412	.455	56.3%
10 Mesh	0.035	0.89	0.065	1.65	.831	.918	42.3%
10 Mesh	0.047	1.19	0.053	1.35	1.484	1.640	28.1%
12 Mesh	0.023	0.584	0.060	1.52	.422	.466	51.8%
12 Mesh	0.028	0.710	0.055	1.40	.635	.702	43.6%
14 Mesh	0.020	0.508	0.051	1.30	.372	.411	51.0%
16 Mesh	0.018	0.457	0.0445	1.13	.345	.381	50.7%
16 Mesh	0.023	0.584	0.0395	1.00	.577	.638	39.9%
18 Mesh	0.017	0.432	0.0386	0.98	.348	.385	48.3%
20 Mesh	0.016	0.406	0.0340	0.86	.344	.380	46.2%
20 Mesh	0.023	0.584	0.027	0.69	.708	.782	29.2%
22 Mesh	0.015	0.381	0.0305	0.78	.334	.369	45.0%
24 Mesh	0.014	0.356	0.0277	0.70	.318	.351	44.2%
30 Mesh	0.013	0.330	0.0203	0.52	.348	.385	37.1%
35 Mesh	0.011	0.279	0.0176	0.45	.290	.320	37.9%
40 Mesh	0.010	0.254	0.0150	0.38	.276	.305	36.0%
45 Mesh	0.0095	0.241	0.0127	0.32	.283	.313	32.7%
50 Mesh	0.009	0.229	0.0110	0.28	.284	.314	30.3%
60 Mesh	0.008	0.203	0.0087	0.22	.273	.302	27.2%
70 Mesh	0.007	0.178	0.0073	0.19	.233	.257	26.1%
80 Mesh	0.0055	0.140	0.0070	0.18	.169	.187	31.4%
90 Mesh	0.005	0.127	0.0061	0.16	.158	.175	30.1%
100 Mesh	0.0045	0.114	0.0055	0.14	.145	.157	30.3%
110 Mesh	0.004	0.102	0.0051	0.129	.139	.154	31.4%
120 Mesh	0.0037	0.094	0.0046	0.1168	.130	.143	30.7%
150 Mesh	0.0026	0.066	0.0041	0.1041	.080	-----	37.4%
200 Mesh	0.0021	0.054	0.0029	0.0737	.070	-----	33.6%
325 Mesh	0.0014	0.036	0.0017	0.043	.049	-----	30.0%

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## MILL GRADE WIRE CLOTH

Mill Grade wire cloth is woven utilising light wire diameters. The end result is a wire cloth with greater open area than Market Grade cloth and is suitable for light purpose screening.

Mill Grade Cloth is produced in Stainless Steel, Phosphor, Bronze, Brass, Copper, Aluminium, Monel or Nickel.

Meshes Per Linear Inch	Diameter of Wires		Width of opening		Weight per sq ft		Open Area %
	Inch	mm	Inch	mm	Steel	Brass	
2 Mesh	0.0540"	1.37	0.4446"	11.33	.376	.416	79.6%
3 Mesh	0.0410"	1.04	0.292"	7.42	.325	.359	76.7%
4 Mesh	0.0350"	0.89	0.215"	5.46	.317	.350	74.0%
5 Mesh	0.0320"	0.81	0.168"	4.27	.332	.367	70.6%
6 Mesh	0.0280"	0.71	0.139"	3.53	.305	.337	69.6%
7 Mesh	0.0280"	0.71	0.115"	2.92	.358	.396	64.8%
8 Mesh	0.0250"	0.64	0.100"	2.54	.326	.360	64.0%
9 Mesh	0.0230"	0.58	0.088"	2.24	.311	.344	62.7%
10 Mesh	0.0200"	0.51	0.080"	2.03	.261	.288	64.0%
12 Mesh	0.0180"	0.457	0.065"	1.65	.255	.282	60.8%
14 Mesh	0.0170"	0.432	0.054"	1.37	.266	.294	57.2%
16 Mesh	0.0160"	0.406	0.0465"	1.18	.271	.299	55.4%
18 Mesh	0.0150"	0.381	0.0406"	1.03	.268	.296	53.4%
20 Mesh	0.0140"	0.356	0.0360"	0.91	.261	.288	51.8%
22 Mesh	0.0135"	0.343	0.0320"	0.81	.268	.296	49.6%
24 Mesh	0.0130"	0.330	0.0287"	0.73	.272	.301	47.4%
26 Mesh	0.0110"	0.279	0.0275"	0.70	.209	.231	51.1%
28 Mesh	0.0100"	0.254	0.0257"	0.65	.186	.206	51.8%
30 Mesh	0.095"	0.241	0.0238"	0.61	.180	.199	51.0%
32 Mesh	0.0090"	0.229	0.0223"	0.57	.173	.191	50.9%
34 Mesh	0.0090"	0.229	0.0204"	0.52	-----	-----	48.1%
36 Mesh	0.0090"	0.229	0.0188"	0.48	-----	-----	45.8%
38 Mesh	0.0085"	0.216	0.0178"	0.45	.185	.204	45.8%
40 Mesh	0.0085"	0.216	0.0165"	0.42	.195	.215	43.6%
45 Mesh	0.0080"	0.203	0.014"	0.36	.196	.217	40.8%
50 Mesh	0.0075"	0.191	0.0125"	0.32	.192	.212	39.1%
55 Mesh	0.0070"	0.178	0.0112"	0.28	.185	.204	37.9%
60 Mesh	0.0065"	0.165	0.0102"	0.26	.174	.192	37.5%

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