

Market Grade Wire Cloth



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Mesh Count Per Inch	Diameter of Wire		Width of Opening		Micron Size	Open Area Percent
	Inches	mm	Inches	mm		
2	.063	1.60	.437	11.10	11100.0	76.4
3	.054	1.37	.279	7.09	7090.0	70.1
4	.047	1.19	.203	5.16	5160.0	65.9
5	.041	1.04	.159	4.04	4040.0	63.2
6	.035	.89	.132	3.35	3350.0	62.7
8	.028	.71	.097	2.46	2460.0	60.2
10	.025	.64	.075	1.91	1910.0	56.3
12	.023	.584	.060	1.52	1520.0	51.8
14	.020	.508	.051	1.30	1300.0	51.0
16	.018	.457	.0445	1.13	1130.0	50.7
18	.017	.432	.0386	.98	980.0	48.3
20	.016	.406	.0340	.86	860.0	46.2
24	.014	.356	.0277	.70	700.0	44.2
30	.013	.330	.0203	.52	520.0	37.1
35	.011	.279	.0176	.45	450.0	36.9
40	.010	.254	.0150	.38	380.0	36.0
50	.009	.229	.0110	.28	280.0	30.3
60	.0075	.191	.0092	.23	230.0	30.5
70	.0065	.165	.0078	.20	200.0	29.8
80	.0055	.140	.0070	.18	180.0	31.4
90	.0050	.127	.0061	.16	160.0	30.1
100	.0045	.114	.0055	.13	140.0	30.3
110	.0040	.1016	.0051	.1295	129.5	31.4
120	.0037	.0940	.0046	.1170	117.0	30.5
130	.0034	.0860	.0043	.1090	109.0	31.1
140	.0029	.0740	.0042	.1070	107.0	34.9
150	.0026	.0660	.0041	.1040	104.0	37.4
160	.0025	.0640	.0038	.0965	96.5	37.6
170	.0024	.0610	.0035	.0889	88.9	35.1
180	.0023	.0584	.0033	.0838	83.8	34.7
200	.0021	.0534	.0029	.0737	73.7	33.6
250	.0016	.0406	.0024	.0610	61.0	36.0
270	.0016	.0406	.0021	.0533	53.3	32.2
325	.0014	.0356	.0017	.0432	43.2	30.5
400	.0010	.0254	.0015	.0370	37.0	36.0
500	.0010	.0254	.0010	.0254	25.4	25.0
635	.0008	.0203	.0008	.0203	20.3	25.0

“Market Grade” wire cloth is the generally accepted industry standard for wire cloth. Simply stated, this designation standardizes certain mesh counts and the corresponding wire diameters for a range of specifications from 2 mesh through 635 mesh. The Market Grade specification covers everything from a 1/2” opening down to 20 microns.

Market Grade wire cloth is readily available from stock — off-the-shelf — in most metals including stainless steel, monel, bronze, copper, etc. In addition to the Market Grade classification, we stock many other wire cloth standards such as twill weave, plain dutch weave, twill double dutch weave, stranded weaves and certain off-count specifications.