

# HM Wire International, Inc.

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## AMERICAN WIRE GAUGE TO SQUARE MM CROSS SECTIONAL AREA CHART

AWG	DIAMETER (IN)	DIAMETER (MM)	CROSS SECTIONAL AREA (MM <sup>2</sup> )
0000	0.46	11.68	107.16
000	0.4096	10.40	84.97
00	0.3648	9.27	67.4
0	0.3249	8.25	53.46
1	0.2893	7.35	42.39
2	0.2576	6.54	33.61
3	0.2294	5.83	26.65
4	0.2043	5.19	21.14
5	0.1819	4.62	16.76
6	0.162	4.11	13.29
7	0.1443	3.67	10.55
8	0.1285	3.26	8.36
9	0.1144	2.91	6.63
10	0.1019	2.59	5.26
11	0.0907	2.30	4.17
12	0.0808	2.05	3.31
13	0.072	1.83	2.63
14	0.0641	1.63	2.08
15	0.0571	1.45	1.65
16	0.0508	1.29	1.31
17	0.0453	1.15	1.04
18	0.0403	1.02	0.823
19	0.0359	0.91	0.653
20	0.032	0.81	0.519
21	0.0285	0.72	0.412
22	0.0254	0.65	0.325
23	0.0226	0.57	0.259
24	0.0201	0.51	0.205
25	0.0179	0.45	0.163
26	0.0159	0.40	0.128
27	0.0142	0.361	0.102
28	0.0126	0.330	0.0804
29	0.0113	0.287	0.0646
30	0.0100	0.254	0.0503
31	0.0089	0.226	0.0400
32	0.0080	0.203	0.0320
33	0.0071	0.180	0.0252
34	0.0063	0.160	0.0200

35	0.0056	0.142	0.0161
36	0.0050	0.127	0.0123
37	0.0045	0.114	0.0100
38	0.0040	0.102	0.00795
39	0.0035	0.089	0.00632

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\*To be used as a guideline only.