

Solid and Stranded AWG Chart

AWG	STRANDING	TYPE	NOM. O.D.	APPROX. WT / 1000'
32	01	S	.0080	.194
32	7/40	C	.0093	.210
32	10/42	B	.0091	.193
32	16/44	B	.0092	.197
32	19/44	C	.0100	.237
32	25/46	B	.0091	.191
32	64/50	B	.0091	.196
31	01	S	.0089	.240
31	7/39	C	.0105	.267
31	19/43	C	.0110	.288
30	01	S	.0100	.303
30	7/38	C	.0120	.349
30	10/40	B	.0113	.297
30	16/42	B	.0116	.308
30	19/42	C	.0125	.370
30	25/44	B	.0116	.309
30	40/46	B	.0115	.306
29	01	S	.0113	.387
29	7/37	C	.0135	.442
29	19/41	C	.0140	.464
29	33/44	RB	.0146	.428
29	51/46	B	.0129	.390
29	51/46	RB	.0142	.410
28	01	S	.0126	.481
28	7/36	C	.0150	.546
28	19/40	C	.0155	.569
28	26/42	B	.0147	.501
28	36/44	RB	.0152	.467
28	40/44	B	.0146	.494
28	65/46	B	.0146	.497
28	66/46	RB	.0162	.530
27	01	S	.0142	.610
27	7/35	C	.0168	.684
27	19/39	C	.0175	.726
27	51/44	RB	.0181	.661
27	81/46	RB	.0180	.651
26	01	S	.0159	.765
26	7/34	C	.0189	.866
26	10/36	B	.0183	.772
26	19/38	C	.0200	.947
26	26/40	B	.0183	.772
26	28/40	RB	.0208	.873
26	41/42	B	.0185	.790
26	64/44	RB	.0203	.829
26	65/44	B	.0186	.802

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26	66/44	RB	.0206	.855
26	105/46	RB	.0204	.843
25	01	S	.0179	.970
25	7/33	C	.0213	1.10
25	19/37	C	.0225	1.20
25	33/40	RB	.0226	1.03
25	75/44	RB	.0220	.972
24	01	S	.0201	1.22
24	7/32	C	.0240	1.40
24	10/34	B	.0230	1.23
24	16/36	B	.0231	1.24
24	19/36	C	.0250	1.48
24	41/40	B	.0229	1.22
24	42/40	B	.0232	1.25
24	65/42	B	.0233	1.25
24	100/44	RB	.0254	1.30
24	105/44	RB	.0260	1.36
24	105/44	RB	.0260	1.36
23	01	S	.0226	1.55
23	7/31	C	.0267	1.73
23	21/36	B	.0265	1.62
23	49/40	RC	.0279	1.54
23	54/40	RB	.0289	1.68
23	132/44	RB	.0292	1.71
22	01	S	.0253	1.94
22	7/30	C	.0300	2.18
22	16/34	B	.0291	1.96
22	19/34	C	.0315	2.35
22	26/36	B	.0294	2.01
22	66/40	RB	.0320	2.06
22	66/40	RB	.0320	2.06
22	66/40	B	.0291	1.96
22	150/44	RB	.0311	1.94
22	154/44	RB	.0315	2.00
22	168/44	RB	.0329	2.18
21	01	S	.0285	2.46
21	7/29	C	.0339	2.79
21	22/34	B	.0341	2.70
21	77/40	RB	.0346	2.40
21	84/40	RB	.0361	2.62
21	210/44	RB	.0368	2.72
20	01	S	.0320	3.10
20	7/28	C	.0378	3.47
20	10/30	B	.0365	3.09
20	19/32	C	.0400	3.79

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20	20/33	B	.0367	3.11
20	26/34	B	.0371	3.19
20	41/36	B	.0370	3.17
20	42/36	RB	.0412	3.41
20	65/38	B	.0372	3.21
20	104/40	B	.0365	3.09
20	105/40	RB	.0404	3.27
20	154/42	RB	.0394	3.12
20	266/44	RB	.0414	3.45
19	01	S	.0359	3.90
19	7/27	C	.0426	4.40
19	49/36	RC	.0450	4.01
19	132/40	RB	.0453	4.11
19	140/40	RB	.0466	4.36
19	329/44	RB	.0461	4.26
19	350/44	RB	.0475	4.54
18	01	S	.0403	4.92
18	7/26	C	.0477	5.52
18	10/28	B	.0460	4.90
18	16/30	B	.0462	4.94
18	19/30	C	.0500	5.92
18	32/33	B	.0464	4.98
18	41/34	B	.0466	5.02
18	63/36	RB	.0504	5.11
18	65/36	B	.0466	5.02
18	105/38	RB	.0521	5.44
18	168/40	RB	.0510	5.24
18	259/42	RB	.0511	5.24
18	413/44	RB	.0516	5.35
17	01	S	.0453	6.21
17	7/25	C	.0537	6.99
17	52/34	B	.0525	6.37
17	82/36	B	.0523	6.33
17	126/38	RB	.0570	6.53
17	210/40	RB	.0571	6.54
17	504/44	RB	.0570	6.53
16	01	S	.0508	7.81
16	7/24	C	.0603	8.82
16	16/28	B	.0582	7.84
16	19/29	C	.0565	7.56
16	26/30	B	.0589	8.03
16	40/32	B	.0584	7.90
16	42/32	RB	.0659	8.71
16	50/33	B	.0580	7.78
16	65/34	B	.0587	7.96

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16	105/36	B	.0592	8.11
16	168/38	RB	.0659	8.71
16	259/40	RB	.0634	8.07
16	280/40	RB	.0659	8.71
16	264/40	RB	.0640	8.23
16	665/44	RB	.0655	8.62
16	714/44	RB	.0741	9.72
15	01	S	.0571	9.87
15	7/23	C	.0678	11.1
15	19/28	C	.0630	9.41
15	21/28	B	.0667	10.29
15	49/32	RC	.0720	10.3
15	133/36	RC	.0750	10.9
15	147/36	RB	.0770	11.9
15	350/40	RB	.0737	10.9
15	352/40	RB	.0806	11.5
15	560/42	RB	.0752	11.3
15	805/44	RB	.0721	10.4
14	01	S	.0641	12.4
14	7/22	C	.0759	14.0
14	19/27	C	.0710	11.9
14	26/28	B	.0742	12.7
14	37/30	C	.0700	11.5
14	41/30	B	.0740	12.7
14	42/30	RB	.0823	13.6
14	49/30	RC	.0900	16.0
14	105/34	B	.0746	12.9
14	105/34	RB	.0820	13.5
14	168/36	RB	.0823	13.6
14	266/38	RB	.0829	13.8
14	413/40	RB	.0800	12.9
14	441/40	RB	.0902	14.4
14	462/40	RB	.0847	14.4
14	665/42	RB	.0819	13.5
14	1078/44	RB	.0910	14.7
14	1050/44	RB	.0898	14.3
14	1176/44	RB	.0951	16.0
13	01	S	.0720	15.7
13	7/21	C	.0855	17.7
13	19/26	C	.0795	15.0
13	37/29	C	.0791	14.7
13	77/32	RB	.0892	16.0
13	133/34	RC	.0945	17.3
13	189/36	RB	.0873	15.3

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AWG	STRANDING	TYPE	NOM. O.D.	APPROX. WT/1000'
13	210/36	RB	.0921	17.0
13	504/40	RB	.0884	15.7
13	525/40	RB	.0902	16.4
13	546/40	RB	.1004	17.9
13	805/42	RB	.0901	16.3
13	1296/44	RB	.0998	17.6
13	1323/44	RB	.1008	18.0
12	01	S	.0808	19.8
12	7/20	C	.0960	22.4
12	19/25	C	.0895	19.0
12	37/28	C	.0882	18.3
12	41/28	B	.0932	20.1
12	49/29	RC	.1017	20.5
12	63/30	RB	.1008	20.4
12	65/30	B	.0931	20.1
12	168/34	RB	.1037	21.6
12	259/36	RB	.1022	21.0
12	413/38	RB	.1033	21.4
12	665/40	RB	.1016	20.7
12	672/40	RB	.1021	20.9
12	704/40	RB	.1140	23.0
12	1050/42	RB	.1029	21.3
12	1666/44	RB	.1131	22.7
11	01	S	.0907	24.9
11	19/24	C	.1005	23.9
11	37/27	C	.0994	23.3
11	56/28	B	.1089	27.5
11	119/32	RB	.1109	24.7
11	210/34	RB	.1160	27.0
11	224/34	RB	.1198	28.8
11	301/36	RB	.1102	24.4
11	329/36	RB	.1152	26.7
11	735/40	RB	.1068	22.9
11	833/40	RB	.1137	26.0
11	861/40	RB	.1261	28.2
11	2058/44	RB	.1258	28.0
11	2303/44	RB	.1330	31.3
10	01	S	.1019	31.4
10	7/19	C	.1077	28.1
10	19/23	C	.1130	30.3
10	37/26	C	.1113	29.2
10	49/27	RC	.1278	32.3
10	65/28	B	.1173	31.9
10	105/30	B	.1184	32.4
10	105/30	RB	.1302	34.0

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AWG	STRANDING	TYPE	NOM. O.D.	APPROX. WT/1000'
10	133/31	RC	.1335	36.2
10	203/33	RB	.1285	33.2
10	259/34	RB	.1288	33.3
10	413/36	RB	.1291	33.5
10	448/36	RB	.1345	36.3
10	658/38	RB	.1304	34.1
10	1050/40	RB	.1276	32.7
10	1050/40	RB	.1392	34.4
10	1092/40	RB	.1420	35.7
10	1666/42	RB	.1414	35.4
9	01	S	.1144	39.6
9	7/17	C	.1359	44.8
9	19/22	C	.1265	37.9
9	37/25	C	.1253	37.0
9	49/26	RC	.1431	40.6
9	133/30	RC	.1500	43.5
9	133/30	RC	.1500	45.7
9	203/32	RB	.1448	42.1
9	329/34	RB	.1452	42.3
9	525/36	RB	.1456	42.6
9	833/38	RB	.1467	43.2
9	1365/40	RB	.1587	44.7
9	1470/40	RB	.1647	48.1
9	3185/44	RB	.1564	43.3
8	01	S	.1285	50.0
8	7/16	C	.1524	56.3
8	19/21	C	.1425	48.1
8	37/24	C	.1407	46.6
8	49/25	RC	.1611	51.4
8	133/29	RB	.1695	55.6
8	133/29	RC	.1695	58.4
8	152/30	RB	.1566	51.7
8	168/30	RB	.1647	54.5
8	245/32	RB	.1591	50.8
8	301/33	RB	.1565	49.2
8	413/34	RB	.1627	53.1
8	602/36	RB	.1559	48.8
8	665/36	RB	.1638	53.9
8	1050/38	RB	.1647	54.4
8	1666/40	RB	.1754	54.5
8	1715/40	RB	.1779	56.1
7	01	S	.1443	63.0
7	7/15	C	.1713	71.2
7	19/20	C	.1600	60.7
7	37/23	C	.1582	58.9

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