

American Wire Gauge - Millimeters

Full Sizes	Gauge	Half Sizes	Cu Weight g/M*	Full Sizes	Gauge	Half Sizes	Cu Weight g/M*
14.733252	6/0		1,514.8295	0.254639	30		0.4525
13.120340	5/0		1,201.3144		30.5	0.240297	0.4030
11.684000	4/0		952.6856	0.226763	31		0.3588
10.404902	3/0		755.5141		31.5	0.213991	0.3196
9.265833	2/0		599.1499	0.201938	32		0.2846
8.251463	1/0		475.1475		32.5	0.190564	0.2534
7.348140	1		376.8091	0.179831	33		0.2257
	1.5	6.934268	335.5582		33.5	0.169702	0.2010
6.543707	2		298.8232	0.160144	34		0.1790
	2.5	6.175144	266.1097		34.5	0.151124	0.1594
5.827340	3		236.9776	0.142612	35		0.1419
	3.5	5.499125	211.0346		35.5	0.134580	0.1264
5.189396	4		187.9317	0.127000	36		0.1126
	4.5	4.897112	167.3581		36.5	0.119847	0.1002
4.621291	5		149.0366	0.113097	37		0.0893
	5.5	4.361004	132.7210		37.5	0.106727	0.0795
4.115378	6		118.1914	0.100716	38		0.0708
	6.5	3.883586	105.2525		38.5	0.095043	0.0630
3.664850	7		93.7301	0.089690	39		0.0561
	7.5	3.458434	83.4690		39.5	0.084638	0.0500
3.263643	8		74.3313	0.079871	40		0.0445
	8.5	3.079824	66.1940		40.5	0.075372	0.0396
2.906358	9		58.9474	0.071127	41		0.0353
	9.5	2.742663	52.4942		41.5	0.067121	0.0314
2.588187	10		46.7474	0.063341	42		0.0280
	10.5	2.442412	41.6298		42.5	0.059773	0.0249
2.304847	11		37.0724	0.056406	43		0.0222
	11.5	2.175030	33.0139		43.5	0.053229	0.0198
2.052525	12		29.3997	0.050231	44		0.0176
	12.5	1.936920	26.1812		44.5	0.047402	0.0157
1.827827	13		23.3151	0.044732	45		0.0140
	13.5	1.724877	20.7627		45.5	0.042213	0.0124
1.627727	14		18.4897	0.039835	46		0.0111
	14.5	1.536048	16.4655		46.5	0.037592	0.0099
1.449532	15		14.6630	0.035474	47		0.0088
	15.5	1.367890	13.0578		47.5	0.033476	0.0078
1.290846	16		11.6283	0.031591	48		0.0070
	16.5	1.218141	10.3553		48.5	0.029812	0.0062
1.149531	17		9.2216	0.028132	49		0.0055
	17.5	1.084786	8.2121		49.5	0.026548	0.0049
1.023687	18		7.3131	0.025053	50		0.0044
	18.5	0.966030	6.5125		50.5	0.023642	0.0039
0.911620	19		5.7995	0.022310	51		0.0035
	19.5	0.860274	5.1646		51.5	0.021053	0.0031
0.811821	20		4.5993	0.019868	52		0.0028
	20.5	0.766097	4.0958		52.5	0.018749	0.0025
0.722947	21		3.6474	0.017693	53		0.0022
	21.5	0.682229	3.2481		53.5	0.016696	0.0019
0.643803	22		2.8925	0.015756	54		0.0017
	22.5	0.607542	2.5758		54.5	0.014868	0.0015
0.573323	23		2.2939	0.014031	55		0.0014
	23.5	0.541032	2.0427		55.5	0.013241	0.0012
0.510559	24		1.8191	0.012495	56		0.0011
	24.5	0.481803	1.6200		56.5	0.011791	0.0010
0.454666	25		1.4426	0.011127	57		0.0009
	25.5	0.429058	1.2847		57.5	0.010500	0.0008
0.404892	26		1.1440	0.009909	58		0.0007
	26.5	0.382087	1.0188		58.5	0.009351	0.0006
0.360567	27		0.9073	0.008824	59		0.0005
	27.5	0.340258	0.8079		59.5	0.008327	0.0005
0.321094	28		0.7195	0.007858	60		0.0004
	28.5	0.303009	0.6407				
0.285942	29		0.5706				
	29.5	0.269837	0.5081				

*Approximate copper wire weight for 1,000 feet. Density of copper may vary.



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