

Single Film Coated - Round

| AWG Size | Bare Wire Diameter Nominal | Film Addition Min | Film Addition Max. | Min OD | Nominal OD | Max OD | Weight @ 20°C - 68°F LBS/1000 FT Nominal | Weight @ 20°C - 68°F FT/LB Nominal | Resistance @ 20°C - 68°F OHMS/1000 FT Nominal | Resistance @ 20°C - 68°F OHMS/LB Nominal | Wires Per SQ Inch |
|----------|----------------------------|-------------------|--------------------|--------|------------|--------|------------------------------------------|------------------------------------|-----------------------------------------------|------------------------------------------|-------------------|
| 8 | .1285 | .0016 | .0026 | .1288 | .1306 | .1324 | 50.23 | 19.91 | .6281 | .0125 | 59 |
| 9 | .1144 | .0016 | .0026 | .1149 | .1165 | .1181 | 39.80 | 25.13 | .7925 | .01991 | 74 |
| 10 | .1019 | .0015 | .0025 | .1024 | .1039 | .1054 | 31.57 | 31.68 | .9987 | .03163 | 93 |
| 11 | .0907 | .0015 | .0025 | .0913 | .0927 | .0941 | 25.05 | 39.92 | 1.261 | .0503 | 116 |
| 12 | .0808 | .0014 | .0024 | .0814 | .0827 | .0840 | 19.93 | 50.18 | 1.588 | .0797 | 146 |
| 13 | .0720 | .0014 | .0023 | .0727 | .0739 | .0750 | 15.81 | 63.25 | 2.001 | .1266 | 183 |
| 14 | .0641 | .0016 | .0023 | .0651 | .0658 | .0666 | 12.50 | 80.00 | 2.524 | .2019 | 230 |
| 15 | .0571 | .0015 | .0022 | .0580 | .0587 | .0594 | 9.95 | 100.50 | 3.181 | .3197 | 288 |
| 16 | .0508 | .0014 | .0021 | .0517 | .0524 | .0531 | 7.89 | 126.7 | 4.018 | .5093 | 363 |
| 17 | .0453 | .0014 | .0020 | .0462 | .0468 | .0475 | 6.26 | 159.7 | 5.054 | .8073 | 455 |
| 18 | .0403 | .0013 | .0019 | .0412 | .0418 | .0424 | 4.97 | 201.2 | 6.386 | 1.2849 | 572 |
| 19 | .0359 | .0012 | .0019 | .0367 | .0373 | .0379 | 3.95 | 253.2 | 8.046 | 2.037 | 715 |
| 20 | .0320 | .0012 | .0018 | .0329 | .0334 | .0339 | 3.13 | 319.5 | 10.13 | 3.2364 | 896 |
| 21 | .0285 | .0011 | .0018 | .0293 | .0298 | .0303 | 2.483 | 402.7 | 12.77 | 5.143 | 1119 |
| 22 | .0253 | .0011 | .0017 | .0261 | .0266 | .0270 | 1.970 | 507.6 | 16.20 | 8.223 | 1403 |
| 23 | .0226 | .0010 | .0016 | .0234 | .0238 | .0243 | 1.565 | 639.0 | 20.30 | 12.971 | 1751 |
| 24 | .0201 | .0010 | .0015 | .0209 | .0213 | .0217 | 1.240 | 806.5 | 25.67 | 20.702 | 2204 |
| 25 | .0179 | .0009 | .0014 | .0186 | .0190 | .0194 | .988 | 1012.1 | 32.37 | 32.763 | 2741 |
| 26 | .0159 | .0009 | .0013 | .0166 | .0170 | .0173 | .784 | 1276 | 41.02 | 52.32 | 3460 |
| 27 | .0142 | .0008 | .0013 | .0149 | .0152 | .0156 | .623 | 1605 | 51.44 | 82.57 | 4272 |
| 28 | .0126 | .0008 | .0012 | .0133 | .0136 | .0140 | .495 | 2020 | 65.31 | 131.94 | 5407 |
| 29 | .0113 | .0007 | .0012 | .0119 | .0122 | .0126 | .394 | 2538 | 81.21 | 206.12 | 6610 |
| 30 | .0100 | .0007 | .0011 | .0106 | .0109 | .0112 | .312 | 3205 | 103.7 | 332.37 | 8417 |
| 31 | .0089 | .0006 | .0010 | .0094 | .0097 | .0100 | .248 | 4032 | 130.9 | 527.8 | 10628 |
| 32 | .0080 | .0006 | .0010 | .0085 | .0088 | .0091 | .1966 | 5086 | 162.0 | 824.0 | 12913 |
| 33 | .0071 | .0005 | .0009 | .0075 | .0078 | .0081 | .1570 | 6369 | 205.7 | 1310 | 16437 |
| 34 | .0063 | .0005 | .0008 | .0067 | .0070 | .0072 | .1244 | 8039 | 261.3 | 2100 | 20408 |
| 35 | .0056 | .0004 | .0007 | .0059 | .0062 | .0064 | .0989 | 10111 | 330.7 | 3343 | 26015 |
| 36 | .0050 | .0004 | .0007 | .0053 | .0056 | .0058 | .0788 | 12690 | 414.8 | 5264 | 31888 |
| 37 | .0045 | .0003 | .0006 | .0047 | .0050 | .0052 | .0624 | 16026 | 512.1 | 8207 | 40000 |
| 38 | .0040 | .0003 | .0006 | .0042 | .0045 | .0047 | .0494 | 20243 | 648.2 | 13121 | 49383 |
| 39 | .0035 | .0002 | .0005 | .0036 | .0039 | .0041 | .0393 | 25445 | 846.6 | 21542 | 65746 |
| 40 | .0031 | .0002 | .0005 | .0032 | .0035 | .0037 | .0313 | 31949 | 1079 | 34473 | 81633 |
| 41 | .0028 | .0002 | .0004 | .0029 | .0031 | .0033 | .02470 | 40486 | 1323 | 53563 | 104058 |
| 42 | .0025 | .0002 | .0004 | .0026 | .0028 | .0030 | .01946 | 51387 | 1659 | 85252 | 127551 |
| 43 | .0022 | .0002 | .0003 | .0023 | .0025 | .0026 | .01548 | 64599 | 2143 | 138437 | 160000 |
| 44 | .0020 | .0001 | .0003 | .0020 | .0022 | .0024 | .01233 | 81103 | 2593 | 210300 | 206611 |
| 45 | .00176 | .0001 | .00022 | .00179 | .0019 | .00205 | .00965 | 103626 | 3348 | 346943 | 345304 |
| 46 | .00157 | .0001 | .00021 | .00161 | .00173 | .00185 | .00767 | 130378 | 4207 | 548501 | 420521 |
| 47 | .00140 | .0001 | .00024 | .00145 | .00158 | .00170 | .00615 | 162601 | 5291 | 860325 | 510204 |
| 48 | .00124 | .0001 | .00021 | .00129 | .00140 | .00150 | .00487 | 205338 | 6745 | 1385010 | 649773 |

All measurements are in inches unless otherwise stated.

