

| Trade Size | Wire Size (THWN, THHN) Conductor Size AWG/kcmil | | | | | | | | | | | | | | | | | | | | | |
|------------|-------------------------------------------------|-----|-----|-----|-----|-----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
| | 14 | 12 | 10 | 8 | 6 | 4 | 3 | 2 | 1 | 1/0 | 2/0 | 3/0 | 4/0 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 750 | |
| 1/2 | EMT | 12 | 9 | 5 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | |
| | IMC | 14 | 10 | 6 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | |
| | GRC | 13 | 9 | 6 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | |
| 3/4 | EMT | 22 | 16 | 10 | 6 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | |
| | IMC | 24 | 17 | 11 | 6 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | |
| | GRC | 22 | 16 | 10 | 6 | 4 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | |
| 1 | EMT | 35 | 26 | 16 | 9 | 7 | 4 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | IMC | 39 | 29 | 18 | 10 | 7 | 4 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | GRC | 36 | 26 | 17 | 9 | 7 | 4 | 3 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 1/2 | EMT | 61 | 45 | 28 | 16 | 12 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | IMC | 68 | 49 | 31 | 18 | 13 | 8 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | GRC | 63 | 46 | 29 | 16 | 12 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | EMT | 94 | 61 | 38 | 22 | 16 | 10 | 8 | 7 | 5 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | IMC | 91 | 67 | 42 | 24 | 17 | 10 | 9 | 7 | 5 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | GRC | 85 | 62 | 39 | 22 | 16 | 10 | 8 | 7 | 5 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 3 | EMT | 138 | 101 | 63 | 36 | 26 | 16 | 13 | 11 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| | IMC | 149 | 109 | 68 | 39 | 38 | 17 | 15 | 12 | 9 | 8 | 6 | 5 | 4 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| | GRC | 140 | 102 | 64 | 37 | 27 | 16 | 14 | 11 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 1 |
| 4 | EMT | 241 | 176 | 111 | 64 | 46 | 28 | 24 | 20 | 15 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 4 | 3 | 2 | 2 | 1 |
| | IMC | 211 | 154 | 97 | 56 | 40 | 25 | 21 | 17 | 13 | 11 | 9 | 7 | 6 | 5 | 4 | 4 | 3 | 3 | 2 | 1 | 1 |
| | GRC | 200 | 146 | 92 | 53 | 38 | 23 | 20 | 17 | 12 | 10 | 8 | 7 | 6 | 5 | 4 | 3 | 3 | 2 | 1 | 1 | 1 |
| 5 | EMT | 364 | 226 | 167 | 96 | 69 | 43 | 36 | 30 | 22 | 19 | 16 | 13 | 11 | 9 | 7 | 6 | 6 | 5 | 4 | 3 | 3 |
| | IMC | 362 | 238 | 150 | 86 | 62 | 38 | 32 | 27 | 20 | 17 | 14 | 12 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 3 | 3 |
| | GRC | 309 | 225 | 142 | 82 | 59 | 36 | 31 | 26 | 19 | 16 | 13 | 11 | 9 | 7 | 6 | 5 | 5 | 4 | 3 | 3 | 3 |
| 6 | EMT | 476 | 347 | 219 | 126 | 91 | 56 | 47 | 40 | 29 | 25 | 20 | 17 | 14 | 11 | 10 | 9 | 8 | 6 | 5 | 4 | 4 |
| | IMC | 436 | 318 | 200 | 115 | 83 | 51 | 43 | 36 | 27 | 23 | 19 | 16 | 13 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 4 |
| | GRC | 412 | 301 | 189 | 109 | 79 | 48 | 41 | 34 | 25 | 21 | 18 | 15 | 12 | 10 | 8 | 7 | 7 | 5 | 4 | 4 | 4 |
| 8 | EMT | 608 | 443 | 279 | 161 | 116 | 71 | 60 | 51 | 37 | 32 | 26 | 22 | 18 | 15 | 13 | 11 | 10 | 8 | 7 | 6 | 5 |
| | IMC | 562 | 410 | 258 | 149 | 107 | 66 | 56 | 47 | 35 | 29 | 24 | 20 | 17 | 13 | 12 | 10 | 9 | 7 | 6 | 5 | 5 |
| | GRC | 531 | 387 | 244 | 140 | 101 | 62 | 53 | 44 | 33 | 27 | 23 | 19 | 16 | 13 | 11 | 10 | 8 | 7 | 6 | 5 | 5 |