




JIS G 3525(2006)ワイヤロープ規格表

| 構成 | ロープ径 mm | 切断荷重 普通燃り / Z | | | 切断荷重 普通燃り / Z | | | <参 考> 単位質量 概算 | | | |
|---|------------|------------------|-------|------------|------------------|--------|------------|---------------------|---------|---------|----------|
| | | メッキ裸 G種 | | 1/6 安全値 | メッキ裸 A種 | | 1/6 安全値 | kg/m | kg/200m | kg/500m | kg/1000m |
| | | kN | tf | T | kN | tf | T | | | | |
|  6×19 FC | 6 | 18.1 | 1.845 | 0.307 | 19.4 | 1.978 | 0.329 | 0.131 | 26.2 | 65.5 | 131 |
| | 6.3 | 19.9 | 2.029 | 0.338 | 21.4 | 2.182 | 0.363 | 0.144 | 28.8 | 72.0 | 144 |
|  6×24 FC | 6 | 16.5 | 1.682 | 0.280 | 17.7 | 1.804 | 0.300 | 0.120 | 24.0 | 60.0 | 120 |
| | 8 | 29.3 | 2.987 | 0.497 | 31.6 | 3.222 | 0.537 | 0.212 | 42.4 | 106 | 212 |
| | 9 | 37.1 | 3.783 | 0.630 | 39.9 | 4.068 | 0.768 | 0.269 | 53.8 | 134.5 | 269 |
| | 10 | 45.8 | 4.670 | 0.778 | 49.3 | 5.027 | 0.837 | 0.332 | 66.4 | 166 | 332 |
| | 12 | 65.9 | 6.719 | 1.119 | 71.0 | 7.239 | 1.206 | 0.478 | 95.6 | 239 | 478 |
| | 14 | 89.7 | 9.146 | 1.524 | 96.6 | 9.850 | 1.641 | 0.651 | 130.2 | 325.5 | 651 |
| | 16 | 117 | 11.93 | 1.988 | 126 | 12.84 | 2.140 | 0.850 | 170 | 425 | 850 |
| | 18 | 148 | 15.09 | 2.515 | 160 | 16.31 | 2.718 | 1.08 | 216 | 540 | 1,080 |
| | 20 | 183 | 18.66 | 3.110 | 197 | 20.08 | 3.346 | 1.33 | 266 | 665 | 1,330 |
| | 22 | 222 | 22.63 | 3.771 | 239 | 24.37 | 4.061 | 1.61 | 322 | 805 | 1,610 |
| | 24 | 264 | 26.91 | 4.485 | 284 | 28.95 | 4.825 | 1.91 | 382 | 955 | 1,910 |
| | 26 | 309 | 31.50 | 5.250 | 333 | 33.95 | 5.658 | 2.24 | 448 | 1,120 | 2,240 |
| | 28 | 359 | 36.60 | 6.100 | 387 | 39.46 | 6.576 | 2.60 | 520 | 1,300 | 2,600 |
| | 30 | 412 | 42.01 | 7.001 | 444 | 45.27 | 7.545 | 2.99 | 598 | 1,495 | 2,990 |
| | 32 | 469 | 47.82 | 7.970 | 505 | 51.49 | 8.581 | 3.40 | 680 | 1,700 | 3,400 |
| | 34 | 529 | 53.94 | 8.990 | 570 | 58.12 | 9.686 | 3.84 | 768 | 1,920 | 3,840 |
| | 36 | 593 | 60.46 | 10.07 | 639 | 65.15 | 10.85 | 4.30 | 860 | 2,150 | 4,300 |
| | 38 | 661 | 67.40 | 11.23 | 712 | 72.60 | 12.10 | 4.79 | 958 | 2,395 | 4,790 |
| | 40 | 732 | 74.64 | 12.44 | 789 | 80.45 | 13.40 | 5.31 | 1,062 | 2,655 | 5,310 |
| | 42 | 808 | 82.39 | 13.73 | 870 | 88.71 | 14.78 | 5.86 | 1,172 | 2,930 | 5,860 |
| * 44 | 887 | 90.44 | 15.07 | 954 | 97.27 | 16.21 | 6.43 | 1,286 | 3,215 | 6,430 | |
| * 46 | 969 | 98.81 | 16.46 | 1,040 | 106.04 | 17.67 | 7.03 | 1,406 | 3,515 | 7,030 | |
| * 48 | 1,060 | 108.08 | 18.01 | 1,140 | 116.24 | 19.37 | 7.65 | 1,530 | 3,825 | 7,650 | |
| * 50 | 1,150 | 117.26 | 19.54 | 1,230 | 125.42 | 20.90 | 8.30 | 1,660 | 4,150 | 8,300 | |
|  6×37 FC | 6 | 17.8 | 1.815 | 0.302 | 19.1 | 1.947 | 0.324 | 0.129 | 25.8 | 64.5 | 129 |
| | 8 | 31.6 | 3.222 | 0.537 | 34.0 | 3.466 | 0.577 | 0.230 | 46.0 | 115 | 230 |
| | 9 | 40.0 | 4.078 | 0.679 | 43.0 | 4.384 | 0.730 | 0.291 | 58.2 | 145.5 | 291 |
| | 10 | 49.4 | 5.037 | 0.839 | 53.1 | 5.414 | 0.902 | 0.359 | 71.8 | 179.5 | 359 |
| | 12 | 71.1 | 7.249 | 1.208 | 76.5 | 7.800 | 1.300 | 0.517 | 103.4 | 258.5 | 517 |
| | 14 | 96.7 | 9.860 | 1.643 | 104 | 10.60 | 1.766 | 0.704 | 140.8 | 352 | 704 |
| | 16 | 126 | 12.84 | 2.140 | 136 | 13.86 | 2.310 | 0.920 | 184 | 460 | 920 |
| | 18 | 160 | 16.31 | 2.718 | 172 | 17.53 | 2.921 | 1.16 | 232 | 580 | 1,160 |
| | 20 | 197 | 20.08 | 3.346 | 212 | 21.61 | 3.601 | 1.44 | 288 | 720 | 1,440 |
| | 22 | 239 | 24.37 | 4.061 | 257 | 26.20 | 4.366 | 1.74 | 348 | 870 | 1,740 |
| | 24 | 284 | 28.95 | 4.825 | 306 | 31.20 | 5.200 | 2.07 | 414 | 1,035 | 2,070 |
| | 28 | 387 | 39.46 | 6.576 | 416 | 42.41 | 7.068 | 2.82 | 564 | 1,410 | 2,820 |
| | 30 | 444 | 45.27 | 7.545 | 478 | 48.74 | 8.123 | 3.23 | 646 | 1,615 | 3,230 |
| | 32 | 505 | 51.49 | 8.581 | 544 | 55.47 | 9.245 | 3.68 | 736 | 1,840 | 3,680 |
| | 34 | 571 | 58.22 | 9.703 | 614 | 62.60 | 10.43 | 4.15 | 830 | 2,075 | 4,150 |
| | 36 | 640 | 65.25 | 10.87 | 688 | 70.15 | 11.69 | 4.66 | 932 | 2,330 | 4,660 |
| | 38 | 713 | 72.70 | 12.11 | 767 | 78.20 | 13.03 | 5.18 | 1,036 | 2,590 | 5,180 |
| | 40 | 790 | 80.55 | 13.42 | 850 | 86.67 | 14.44 | 5.75 | 1,150 | 2,875 | 5,750 |
| | 42 | 871 | 88.81 | 14.80 | 937 | 95.54 | 15.92 | 6.33 | 1,266 | 3,165 | 6,330 |
| | 44 | 956 | 97.48 | 16.24 | 1,030 | 105.02 | 17.50 | 6.96 | 1,392 | 3,480 | 6,960 |
| * 46 | 1,050 | 107.06 | 17.84 | 1,120 | 114.20 | 19.03 | 7.60 | 1,520 | 3,800 | 7,600 | |
| * 48 | 1,140 | 116.24 | 19.37 | 1,220 | 124.40 | 20.73 | 8.28 | 1,656 | 4,140 | 8,280 | |
| * 50 | 1,240 | 126.44 | 21.07 | 1,330 | 135.61 | 22.60 | 8.98 | 1,796 | 4,490 | 8,980 | |
| * 52 | 1,330 | 135.61 | 22.60 | 1,440 | 146.83 | 24.47 | 9.72 | 1,944 | 4,860 | 9,720 | |
| * 56 | 1,550 | 158.05 | 26.34 | 1,670 | 170.28 | 28.38 | 11.3 | 2,260 | 5,650 | 11,300 | |
| * 60 | 1,780 | 181.50 | 30.25 | 1,910 | 194.75 | 32.45 | 12.9 | 2,580 | 6,450 | 12,900 | |

[注意] ロープ径の緑の数字はJIS規格(2006)以外(旧JIS規格分含む)を表す。 *は、弊社(現行)ストックが無いことを示す。
 また、一部の寸法を省略しております。

[参考] 1kf = 0.009807kN 1kN = 0.101972kf