

Special 6-strand ropes



Redaelli hi-tech wire ropes are known throughout the entire world for their top quality and performance in service.

Redaelli since the second half of the 19th Century promoted the development of special wire ropes for the more demanding applications. Today Redaelli is the undisputed leader in the Italian market, a highly reputed worldwide exporter and a unique reference point in some specific fields.

With this background, with continued investments in upgrading the production facilities and processes, with a deep commitment to technical development, Redaelli is now recognised as one of the few leading companies in the production of specialised ropes for today's modern equipment.

Redaelli rope is guarantee of a quality product manufactured in a factory Quality Assured in accordance to ISO 9001:2000.



| Ø mm | Red1 | | | Pack1 | | | Pack1T | | | Red1TR | | |
|------|-----------|---------------------|----------|-----------|---------------------|----------|-----------|---------------------|----------|-----------|---------------------|----------|
| | Mass kg/m | Min. breaking force | | Mass kg/m | Min. breaking force | | Mass kg/m | Min. breaking force | | Mass kg/m | Min. breaking force | |
| | | Bright kN | Galv. kN | | Bright kN | Galv. kN | | Bright kN | Galv. kN | | Bright kN | Galv. kN |
| 6 | 0.15 | 29.4 | 29.4 | | | | | | | | | |
| 7 | 0.21 | 40.0 | 40.0 | | | | | | | | | |
| 8 | 0.27 | 52.2 | 52.2 | | | | | | | | | |
| 9 | 0.34 | 66.1 | 66.1 | | | | | | | | | |
| 10 | 0.42 | 84.4 | 84.4 | 0.45 | 91.1 | 91.1 | 0.39 | 73.2 | 73.2 | | | |
| 11 | 0.51 | 102 | 102 | 0.54 | 110 | 110 | 0.47 | 88.6 | 88.6 | | | |
| 12 | 0.60 | 122 | 122 | 0.65 | 131 | 131 | 0.56 | 105 | 105 | | | |
| 13 | 0.71 | 143 | 143 | 0.76 | 154 | 154 | 0.66 | 124 | 124 | | | |
| 14 | 0.82 | 165 | 165 | 0.88 | 179 | 179 | 0.76 | 143 | 143 | | | |
| 15 | 0.95 | 190 | 190 | 1.01 | 205 | 205 | 0.88 | 165 | 165 | | | |
| 16 | 1.08 | 216 | 216 | 1.15 | 233 | 233 | 1.00 | 187 | 187 | 1.03 | 159 | 159 |
| 17 | 1.21 | 244 | 244 | 1.30 | 263 | 263 | 1.13 | 212 | 212 | 1.16 | 179 | 179 |
| 18 | 1.36 | 273 | 273 | 1.46 | 295 | 295 | 1.26 | 237 | 237 | 1.31 | 201 | 201 |
| 19 | 1.52 | 305 | 305 | 1.62 | 329 | 329 | 1.41 | 264 | 264 | 1.45 | 224 | 224 |
| 20 | 1.68 | 338 | 338 | 1.80 | 364 | 364 | 1.56 | 293 | 293 | 1.61 | 248 | 248 |
| 22 | 2.03 | 408 | 408 | 2.18 | 441 | 441 | 1.89 | 354 | 354 | 1.95 | 300 | 300 |
| 24 | 2.42 | 486 | 486 | 2.59 | 525 | 525 | 2.25 | 422 | 422 | 2.32 | 357 | 357 |
| 26 | 2.84 | 571 | 571 | 3.04 | 616 | 616 | 2.64 | 495 | 495 | 2.72 | 419 | 419 |
| 28 | 3.29 | 662 | 629 | 3.53 | 698 | 663 | 3.08 | 574 | 560 | 3.16 | 486 | 486 |
| 30 | 3.78 | 760 | 722 | 4.05 | 801 | 761 | 3.51 | 659 | 642 | 3.63 | 558 | 558 |
| 32 | 4.30 | 864 | 821 | 4.61 | 911 | 866 | 3.99 | 750 | 731 | 4.13 | 635 | 635 |
| 34 | 4.86 | 954 | 906 | 5.20 | 1030 | 977 | 4.51 | 846 | 825 | 4.66 | 717 | 717 |
| 36 | 5.44 | 1070 | 1020 | 5.83 | 1150 | 1100 | 5.05 | 949 | 925 | 5.22 | 804 | 804 |
| 38 | 6.06 | 1190 | 1130 | 6.50 | 1290 | 1220 | 5.63 | 1060 | 1030 | 5.82 | 895 | 895 |
| 40 | 6.72 | 1320 | 1250 | 7.20 | 1420 | 1350 | 6.24 | 1170 | 1140 | 6.45 | 992 | 992 |
| 42 | 7.41 | 1430 | 1360 | 7.94 | 1530 | 1430 | 6.88 | 1290 | 1230 | | | |
| 44 | 8.13 | 1570 | 1490 | 8.71 | 1680 | 1570 | 7.55 | 1420 | 1350 | | | |
| 46 | 8.89 | 1710 | 1630 | 9.52 | 1840 | 1710 | 8.25 | 1550 | 1470 | | | |
| 48 | 9.68 | 1870 | 1770 | 10.4 | 2000 | 1860 | 8.99 | 1690 | 1600 | | | |
| 50 | 10.5 | 2030 | 1920 | 11.3 | 2180 | 2020 | 9.75 | 1830 | 1740 | | | |
| 52 | 11.4 | 2190 | 2080 | 12.2 | 2350 | 2190 | 10.5 | 1980 | 1880 | | | |
| 54 | 12.2 | 2250 | 2090 | 13.1 | 2540 | 2360 | 11.4 | 2130 | 2030 | | | |
| 56 | 13.2 | 2410 | 2250 | 14.1 | 2730 | 2540 | 12.2 | 2300 | 2180 | | | |
| 58 | 14.1 | 2590 | 2410 | 15.1 | 2930 | 2720 | 13.1 | 2460 | 2340 | | | |
| 60 | 15.1 | 2770 | 2580 | 16.2 | 3130 | 2910 | 14.0 | 2640 | 2500 | | | |
| 62 | 16.1 | 2960 | 2750 | 17.3 | 3340 | 3110 | 15.0 | 2810 | 2670 | | | |
| 64 | 17.2 | 3150 | 2930 | 18.4 | 3560 | 3310 | 16.0 | 3000 | 2850 | | | |
| 66 | 18.3 | 3350 | 3120 | 19.6 | 3790 | 3520 | | | | | | |
| 68 | 19.4 | 3560 | 3310 | 20.8 | 4020 | 3740 | | | | | | |
| 70 | 20.6 | 3770 | 3510 | 22.1 | 4260 | 3960 | | | | | | |
| 72 | 21.8 | 3990 | 3710 | 23.3 | 4510 | 4190 | | | | | | |
| 74 | 23.0 | 4220 | 3920 | 24.6 | 4760 | 4430 | | | | | | |
| 76 | 24.3 | 4450 | 4140 | 26.0 | 5030 | 4670 | | | | | | |