



Overhead Crane



Ladle Crane



Jib Crane



Foundation Equipment



Offshore Crane



Mobile Crane



Crawler Crane



Tower Crane



Luffing Crane



Truck Crane



Gantry Crane (STS)



RTG Crane



Straddle Carrier



Mobile Harbor Crane



Knuckle Boom Crane



Deck Crane



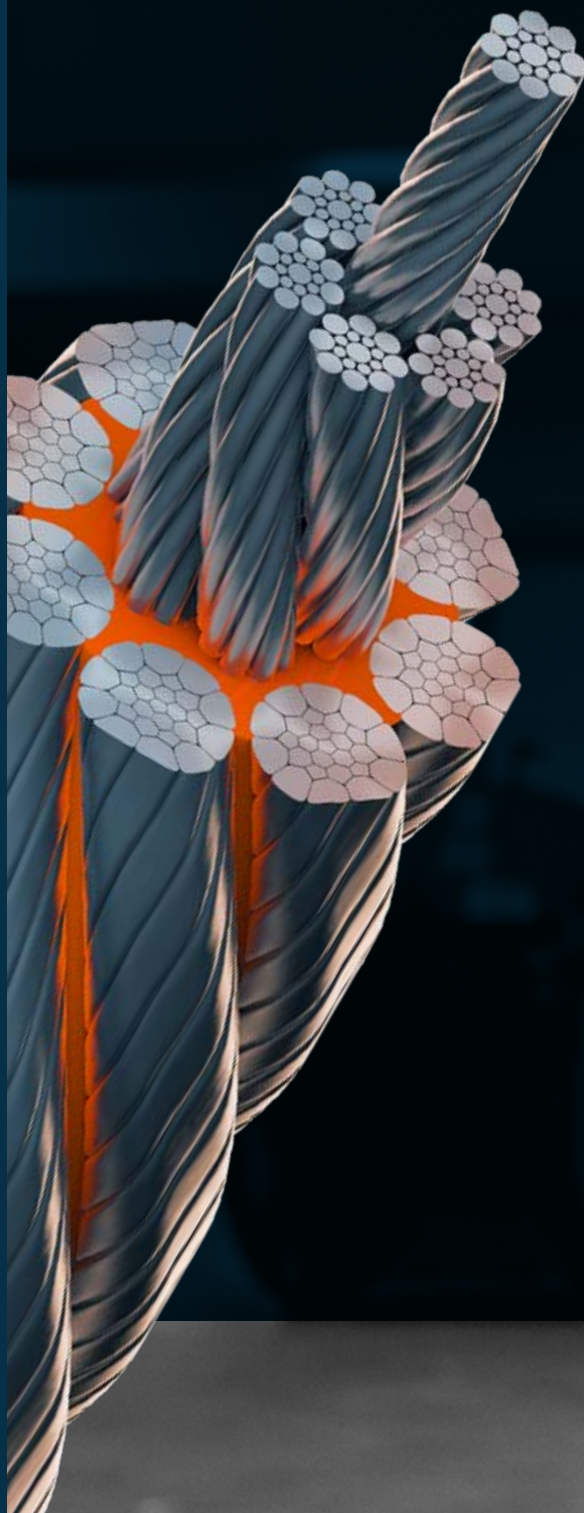
Ship Unloader



PROVIDES EXCELLENT RESISTANCE TO ABRASION AND HAS A VERY HIGH BREAKING STRENGTH.

VEROPRO 8RS

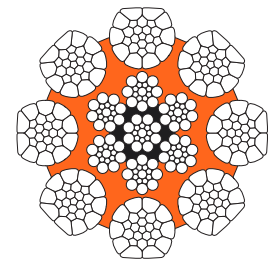
is a rotary swaged 8-strand, non-rotation-resistant rope with compacted outer strands and a rope core covered with a plastic layer.



- veropro 8 RS has a very high breaking strength.
- veropro 8 RS has a very stable rope structure and achieves excellent bending fatigue results.
- veropro 8 RS offers superior crushing resistance and best resistance to abrasion.
- veropro 8 RS possesses excellent spooling behavior on multilayer drum.
- veropro 8 RS may not be used with a swivel.

The rope is fully lubricated. The finish available as standard is galvanized, bright finish on request. Average fill factor: 0.685 Ordinary or Lang Lay available. Rope Category Number (RCN) to determine the number of visible broken outer wires, signaling discard of rope acc. ISO 4309:
 Nominal rope diameter till 42 mm: RCN = 09
 Nominal rope diameter 43 mm to 48 mm: RCN = 11
 Nominal rope diameter above 48 mm: RCN = 13
 Further details: www.verope.com

VEROPRO 8RS



| Nominal rope diameter | | Approx mass | Minimum breaking force | | | |
|-----------------------|-------|-------------|------------------------|-------|-------|-------|
| | | | Rope grade | | | |
| | | | 1960 | | 2160 | |
| mm* | Inch | kg/m | kN | t | kN | t |
| 12 | | 0.666 | 134.4 | 13.7 | 144.7 | 14.7 |
| 12.7 | 1/2 | 0.746 | 150.5 | 15.3 | 162.1 | 16.5 |
| 13 | | 0.782 | 157.7 | 16.1 | 169.9 | 17.3 |
| 14 | | 0.907 | 182.9 | 18.6 | 197.0 | 20.1 |
| 15 | | 1.041 | 210.0 | 21.4 | 226.1 | 23 |
| 16 | 5/8 | 1.184 | 238.9 | 24.3 | 257.3 | 26.2 |
| 17 | | 1.337 | 269.7 | 27.5 | 290.5 | 29.6 |
| 18 | | 1.499 | 302.4 | 30.8 | 325.6 | 33.2 |
| 19 | 3/4 | 1.670 | 336.9 | 34.3 | 362.8 | 37 |
| 20 | | 1.851 | 373.3 | 38 | 402.0 | 41 |
| 21 | | 2.040 | 411.5 | 41.9 | 443.2 | 45.2 |
| 22 | | 2.239 | 451.7 | 46 | 486.5 | 49.6 |
| 22.4 | | 2.322 | 468.2 | 47.7 | 504.3 | 51.4 |
| 23 | | 2.448 | 493.7 | 50.3 | 531.7 | 54.2 |
| 24 | | 2.665 | 537.5 | 54.8 | 578.9 | 59 |
| 25 | | 2.892 | 583.3 | 59.4 | 628.2 | 64 |
| 25.4 | 1 | 2.985 | 602.1 | 61.4 | 648.4 | 66.1 |
| 26 | | 3.128 | 630.9 | 64.3 | 679.4 | 69.2 |
| 27 | | 3.373 | 680.3 | 69.3 | 732.7 | 74.7 |
| 28 | | 3.627 | 731.6 | 74.6 | 788.0 | 80.3 |
| 28.6 | 1-1/8 | 3.785 | 763.3 | 77.8 | 822.1 | 83.8 |
| 29 | | 3.891 | 784.8 | 80 | 845.3 | 86.1 |
| 30 | | 4.164 | 839.9 | 85.6 | 904.6 | 92.2 |
| 31 | | 4.446 | 896.8 | 91.4 | 965.9 | 98.4 |
| 32 | 1-1/4 | 4.738 | 955.6 | 97.4 | 1029 | 104.9 |
| 33 | | 5.039 | 1016 | 103.6 | 1095 | 111.5 |
| 34 | | 5.349 | 1079 | 109.9 | 1162 | 118.4 |
| 35 | 1-3/8 | 5.668 | 1143 | 116.5 | 1231 | 125.5 |
| 36 | | 5.996 | 1209 | 123.2 | 1303 | 132.7 |
| 38 | 1-1/2 | 6.681 | 1348 | 137.3 | 1451 | 147.9 |
| 40 | | 7.403 | 1493 | 152.2 | 1608 | 163.9 |
| 41.3 | 1-5/8 | 7.892 | 1592 | 162.2 | 1714 | 174.7 |
| 42 | | 8.162 | 1646 | 167.7 | 1773 | 180.7 |
| 44 | | 8.957 | 1807 | 184.1 | 1946 | 198.3 |
| 45 | 1-3/4 | 9.369 | 1890 | 192.6 | 2035 | 207.4 |
| 46 | | 9.790 | 1975 | 201.2 | 2127 | 216.7 |
| 47.5 | 1-7/8 | 10.439 | 2106 | 214.6 | 2268 | 231.1 |
| 48 | | 10.660 | 2150 | 219.1 | 2316 | 236 |

| Nominal rope diameter | | Approx mass | | Minimum breaking force tons ¹ of 2000 lbs | |
|-----------------------|-------|--------------------|--------------------|--|-------|
| | | | | Rope grade | |
| | | | | 1960 | 2160 |
| mm* | Inch | lb/ft ¹ | kg/ft ¹ | 1960 | 2160 |
| 12 | | 0.45 | 0.2 | 15.1 | 16.3 |
| 12.7 | 1/2 | 0.5 | 0.23 | 16.9 | 18.2 |
| 13 | | 0.53 | 0.24 | 17.7 | 19.1 |
| 14 | | 0.61 | 0.28 | 20.6 | 22.1 |
| 15 | | 0.7 | 0.32 | 23.6 | 25.4 |
| 16 | 5/8 | 0.8 | 0.36 | 26.9 | 28.9 |
| 17 | | 0.9 | 0.41 | 30.3 | 32.6 |
| 18 | | 1.01 | 0.46 | 34 | 36.6 |
| 19 | 3/4 | 1.12 | 0.51 | 37.9 | 40.8 |
| 20 | | 1.24 | 0.56 | 42 | 45.2 |
| 21 | | 1.37 | 0.62 | 46.3 | 49.8 |
| 22 | | 1.5 | 0.68 | 50.8 | 54.7 |
| 22.4 | | 1.56 | 0.71 | 52.6 | 56.7 |
| 23 | | 1.64 | 0.75 | 55.5 | 59.8 |
| 24 | | 1.79 | 0.81 | 60.4 | 65.1 |
| 25 | | 1.94 | 0.88 | 65.6 | 70.6 |
| 25.4 | 1 | 2.01 | 0.91 | 67.7 | 72.9 |
| 26 | | 2.1 | 0.95 | 70.9 | 76.4 |
| 27 | | 2.27 | 1.03 | 76.5 | 82.4 |
| 28 | | 2.44 | 1.11 | 82.2 | 88.6 |
| 28.6 | 1-1/8 | 2.54 | 1.15 | 85.8 | 92.4 |
| 29 | | 2.61 | 1.19 | 88.2 | 95 |
| 30 | | 2.8 | 1.27 | 94.4 | 101.7 |
| 31 | | 2.99 | 1.36 | 100.8 | 108.6 |
| 32 | 1-1/4 | 3.18 | 1.44 | 107.4 | 115.7 |
| 33 | | 3.39 | 1.54 | 114.2 | 123 |
| 34 | | 3.59 | 1.63 | 121.3 | 130.6 |
| 35 | 1-3/8 | 3.81 | 1.73 | 128.5 | 138.4 |
| 36 | | 4.03 | 1.83 | 135.9 | 146.4 |
| 38 | 1-1/2 | 4.49 | 2.04 | 151.5 | 163.1 |
| 40 | | 4.97 | 2.26 | 167.8 | 180.8 |
| 41.3 | 1-5/8 | 5.3 | 2.41 | 178.9 | 192.7 |
| 42 | | 5.48 | 2.49 | 185 | 199.3 |
| 44 | | 6.02 | 2.73 | 203.1 | 218.7 |
| 45 | 1-3/4 | 6.3 | 2.86 | 212.4 | 228.8 |
| 46 | | 6.58 | 2.98 | 222 | 239 |
| 47.5 | 1-7/8 | 7.01 | 3.18 | 236.7 | 254.9 |
| 48 | | 7.16 | 3.25 | 241.7 | 260.3 |

veropro 8RS/2015/10/v2.0

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*Standard tolerance: +2% to 4%, other tolerances possible upon agreement. Other and special rope diameters are available upon request.

1) The values are indicative only. Authoritative figures remain the metric ones! Errors and omissions excepted! The cross-section shows a typical rope diameter and can vary within the range. Subject to modifications, this may change the specifications.

Relevant is our website www.verope.com