

PROVIDES THE HIGHEST BREAKING STRENGTH OF ALL NON-ROTATION-RESISTANT ROPES AND OFFERS SUPERIOR RESISTANCE TO DRUM CRUSHING.

# VEROPOWER 8

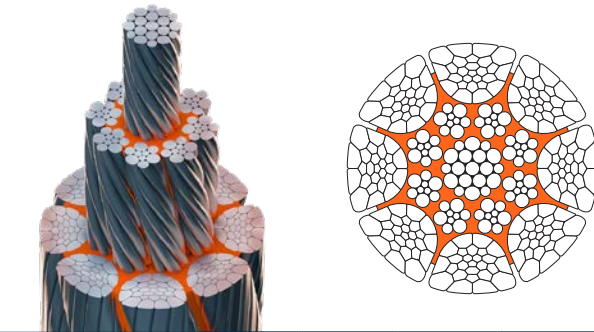
is a rotary swaged 8-strand, non-rotation-resistant rope in parallel lay construction with compacted outer strands and a rope core covered with a plastic layer.

- veropower 8 is the strongest of all non-rotation-resistant ropes.
- veropower 8 has a very stable rope structure and achieves good bending fatigue results.
- veropower 8 offers superior crushing resistance and excellent resistance to abrasion.
- veropower 8 possesses perfect spooling behavior on multilayer drum.
- veropower 8 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: 0.747  
Lay type: Ordinary Lay. Rope Category Number (RCN) to determine the number of visible broken outer wires, signaling discard of rope acc. ISO 4309:  
Nominal rope diameter till 40 mm: RCN = 09  
Nominal rope diameter 41 mm to 46 mm: RCN = 11  
Nominal rope diameter above 46 mm: RCN = 13  
Further details: [www.verope.com](http://www.verope.com)

## VEROPOWER 8

| Nominal rope diameter |       | Approx mass | Minimum breaking force |       |       |       |
|-----------------------|-------|-------------|------------------------|-------|-------|-------|
|                       |       |             | Rope grade             |       |       |       |
|                       |       |             | 1960                   |       | 2160  |       |
| mm*                   | Inch  | kg/m        | kN                     | t     | kN    | t     |
| 12                    |       | 0.717       | 147.4                  | 15    | 158.8 | 16.2  |
| 12.7                  | 1/2   | 0.803       | 165.1                  | 16.8  | 177.9 | 18.1  |
| 13                    |       | 0.842       | 173.0                  | 17.6  | 186.4 | 19    |
| 14                    |       | 0.976       | 200.6                  | 20.4  | 216.2 | 22    |
| 15                    |       | 1.121       | 230.3                  | 23.5  | 248.2 | 25.3  |
| 16                    | 5/8   | 1.275       | 262.0                  | 26.7  | 282.3 | 28.8  |
| 17                    |       | 1.440       | 295.8                  | 30.1  | 318.7 | 32.5  |
| 18                    |       | 1.614       | 331.6                  | 33.8  | 357.3 | 36.4  |
| 19                    | 3/4   | 1.798       | 369.5                  | 37.6  | 398.1 | 40.6  |
| 20                    |       | 1.992       | 409.4                  | 41.7  | 441.2 | 45    |
| 21                    |       | 2.197       | 451.3                  | 46    | 486.4 | 49.6  |
| 22                    |       | 2.411       | 495.3                  | 50.5  | 533.8 | 54.4  |
| 22.4                  |       | 2.499       | 513.5                  | 52.3  | 553.4 | 56.4  |
| 23                    |       | 2.635       | 541.4                  | 55.2  | 583.4 | 59.5  |
| 24                    |       | 2.869       | 589.5                  | 60.1  | 635.3 | 64.7  |
| 25                    |       | 3.113       | 639.6                  | 65.2  | 689.3 | 70.2  |
| 25.4                  | 1     | 3.214       | 660.3                  | 67.3  | 711.5 | 72.5  |
| 26                    |       | 3.367       | 691.8                  | 70.5  | 745.6 | 76    |
| 27                    |       | 3.631       | 746.1                  | 76    | 804.0 | 81.9  |
| 28                    |       | 3.905       | 802.4                  | 81.8  | 864.7 | 88.1  |
| 28.6                  | 1-1/8 | 4.074       | 837.1                  | 85.3  | 902.1 | 91.9  |
| 29                    |       | 4.189       | 860.7                  | 87.7  | 927.5 | 94.5  |
| 30                    |       | 4.483       | 921.1                  | 93.9  | 992.6 | 101.1 |
| 31                    |       | 4.787       | 983.5                  | 100.2 | 1060  | 108   |
| 32                    | 1-1/4 | 5.101       | 1048                   | 106.8 | 1129  | 115.1 |
| 33                    |       | 5.424       | 1115                   | 113.6 | 1201  | 122.4 |
| 34                    |       | 5.758       | 1183                   | 120.6 | 1275  | 129.9 |
| 35                    | 1-3/8 | 6.102       | 1254                   | 127.8 | 1351  | 137.7 |
| 36                    |       | 6.455       | 1326                   | 135.2 | 1429  | 145.7 |
| 38                    | 1-1/2 | 7.193       | 1478                   | 150.6 | 1593  | 162.3 |
| 40                    |       | 7.970       | 1637                   | 166.9 | 1765  | 179.8 |
| 41.3                  | 1-5/8 | 8.496       | 1746                   | 177.9 | 1881  | 191.7 |
| 42                    |       | 8.787       | 1805                   | 184   | 1946  | 198.2 |
| 44                    |       | 9.643       | 1981                   | 201.9 | 2135  | 217.6 |
| 45                    | 1-3/4 | 10.09       | 2072                   | 211.2 | 2233  | 227.6 |
| 46                    |       | 10.54       | 2166                   | 220.7 | 2334  | 237.8 |
| 47.5                  | 1-7/8 | 11.24       | 2309                   | 235.3 | 2488  | 253.6 |
| 48                    |       | 11.48       | 2358                   | 240.3 | 2541  | 258.9 |



| Nominal rope diameter |       | Approx mass        |                    | Minimum breaking force |       |
|-----------------------|-------|--------------------|--------------------|------------------------|-------|
|                       |       |                    |                    | Rope grade             |       |
|                       |       |                    |                    | 1960                   | 2160  |
| mm*                   | Inch  | lb/ft <sup>1</sup> | kg/ft <sup>1</sup> | 1960                   | 2160  |
| 12                    |       | 0.48               | 0.22               | 16.6                   | 17.9  |
| 12.7                  | 1/2   | 0.54               | 0.24               | 18.6                   | 20    |
| 13                    |       | 0.57               | 0.26               | 19.4                   | 21    |
| 14                    |       | 0.66               | 0.3                | 22.5                   | 24.3  |
| 15                    |       | 0.75               | 0.34               | 25.9                   | 27.9  |
| 16                    | 5/8   | 0.86               | 0.39               | 29.4                   | 31.7  |
| 17                    |       | 0.97               | 0.44               | 33.2                   | 35.8  |
| 18                    |       | 1.08               | 0.49               | 37.3                   | 40.2  |
| 19                    | 3/4   | 1.21               | 0.55               | 41.5                   | 44.8  |
| 20                    |       | 1.34               | 0.61               | 46                     | 49.6  |
| 21                    |       | 1.48               | 0.67               | 50.7                   | 54.7  |
| 22                    |       | 1.62               | 0.74               | 55.7                   | 60    |
| 22.4                  |       | 1.68               | 0.76               | 57.7                   | 62.2  |
| 23                    |       | 1.77               | 0.8                | 60.9                   | 65.6  |
| 24                    |       | 1.93               | 0.87               | 66.3                   | 71.4  |
| 25                    |       | 2.09               | 0.95               | 71.9                   | 77.5  |
| 25.4                  | 1     | 2.16               | 0.98               | 74.2                   | 80    |
| 26                    |       | 2.26               | 1.03               | 77.8                   | 83.8  |
| 27                    |       | 2.44               | 1.11               | 83.9                   | 90.4  |
| 28                    |       | 2.62               | 1.19               | 90.2                   | 97.2  |
| 28.6                  | 1-1/8 | 2.74               | 1.24               | 94.1                   | 101.4 |
| 29                    |       | 2.81               | 1.28               | 96.7                   | 104.3 |
| 30                    |       | 3.01               | 1.37               | 103.5                  | 111.6 |
| 31                    |       | 3.22               | 1.46               | 110.5                  | 119.1 |
| 32                    | 1-1/4 | 3.43               | 1.56               | 117.8                  | 126.9 |
| 33                    |       | 3.64               | 1.65               | 125.3                  | 135   |
| 34                    |       | 3.87               | 1.76               | 133                    | 143.3 |
| 35                    | 1-3/8 | 4.1                | 1.86               | 140.9                  | 151.9 |
| 36                    |       | 4.34               | 1.97               | 149.1                  | 160.7 |
| 38                    | 1-1/2 | 4.83               | 2.19               | 166.1                  | 179   |
| 40                    |       | 5.36               | 2.43               | 184.1                  | 198.3 |
| 41.3                  | 1-5/8 | 5.71               | 2.59               | 196.2                  | 211.4 |
| 42                    |       | 5.9                | 2.68               | 202.9                  | 218.7 |
| 44                    |       | 6.48               | 2.94               | 222.7                  | 240   |
| 45                    | 1-3/4 | 6.78               | 3.08               | 232.9                  | 251   |
| 46                    |       | 7.08               | 3.21               | 243.4                  | 262.3 |
| 47.5                  | 1-7/8 | 7.55               | 3.43               | 259.5                  | 279.7 |
| 48                    |       | 7.71               | 3.5                | 265                    | 285.6 |

© verope

\*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](http://www.verope.com) 2) \*2060 N/mm<sup>2</sup>