



Offshore crane



Deck crane



## Steel wire rope Vero 4

### Product information



**Wire rope construction:** Vero 4 is a 4-strand rotation resistant rope with compacted strands. It has a high breaking load and is particularly suitable for harshest working conditions with dynamic impact loads.

**Features:**

- High breaking strength.
- Very robust rope construction.
- Offers excellent resistance against crushing and abrasion.

**ISO 4309 Rope Category No:** All Diameters **RCN.22**

**Marking:** According to standard

**Standard:** EN 12385-4

**Warning:** Vero 4 may not be used with a swivel.

**Fill factor:** 0.631

**RCN:** 22

**Tolerance Ø:** +2% to +4%

| Part Code       | Rope Diameter, mm | Tensile strength N/mm <sup>2</sup> | Steel area mm <sup>2</sup> | Min. Breaking force kN | Finish     | Rope lay. | Weight kg/100m | Delivery time |
|-----------------|-------------------|------------------------------------|----------------------------|------------------------|------------|-----------|----------------|---------------|
| 103100803270499 | 8                 | 1,960                              | 31.7                       | 55.9                   | Galvanized | zS        | 27             | 10            |
| 103100804270499 | 8                 | 1,960                              | 31.7                       | 55.9                   | Galvanized | sZ        | 27             | 10            |
| 103100803300499 | 8                 | 2,160                              | 31.7                       | 59.7                   | Galvanized | zS        | 27             | 10            |
| 103100804300499 | 8                 | 2,160                              | 31.7                       | 59.7                   | Galvanized | sZ        | 27             | 10            |

|                 |    |       |    |       |            |    |      |    |
|-----------------|----|-------|----|-------|------------|----|------|----|
| 103100903270499 | 9  | 1,960 | 40 | 70.8  | Galvanized | zS | 34.1 | 10 |
| 103100904270499 | 9  | 1,960 | 40 | 70.8  | Galvanized | sZ | 34.1 | 10 |
| 103100903300499 | 9  | 2,160 | 40 | 75.5  | Galvanized | zS | 34.1 | 10 |
| 103100904300499 | 9  | 2,160 | 40 | 75.5  | Galvanized | sZ | 34.1 | 10 |
| 103101003270499 | 10 | 1,960 | 49 | 87.4  | Galvanized | zS | 42.1 | 10 |
| 103101004270499 | 10 | 1,960 | 49 | 87.4  | Galvanized | sZ | 42.1 | 10 |
| 103101003300499 | 10 | 2,160 | 49 | 93.2  | Galvanized | zS | 42.1 | 10 |
| 103101004300499 | 10 | 2,160 | 49 | 93.2  | Galvanized | sZ | 42.1 | 10 |
| 103101103270499 | 11 | 1,960 | 60 | 105.8 | Galvanized | zS | 51   | 10 |
| 103101104270499 | 11 | 1,960 | 60 | 105.8 | Galvanized | sZ | 51   | 10 |
| 103101103300499 | 11 | 2,160 | 60 | 112.8 | Galvanized | zS | 51   | 10 |
| 103101104300499 | 11 | 2,160 | 60 | 112.8 | Galvanized | sZ | 51   | 10 |
| 103101203270499 | 12 | 1,960 | 71 | 125.9 | Galvanized | zS | 60.7 | 10 |
| 103101204270499 | 12 | 1,960 | 71 | 125.9 | Galvanized | sZ | 60.7 | 10 |
| 103101203300499 | 12 | 2,160 | 71 | 134.3 | Galvanized | zS | 60.7 | 10 |
| 103101204300499 | 12 | 2,160 | 71 | 134.3 | Galvanized | sZ | 60.7 | 10 |
| 103101303270499 | 13 | 1,960 | 83 | 147.7 | Galvanized | zS | 71.2 | 10 |
| 103101304270499 | 13 | 1,960 | 83 | 147.7 | Galvanized | sZ | 71.2 | 10 |
| 103101303300499 | 13 | 2,160 | 83 | 157.6 | Galvanized | zS | 71.2 | 10 |
| 103101304300499 | 13 | 2,160 | 83 | 157.6 | Galvanized | sZ | 71.2 | 10 |
| 103101403270499 | 14 | 1,960 | 97 | 171.3 | Galvanized | zS | 82.6 | 10 |
| 103101404270499 | 14 | 1,960 | 97 | 171.3 | Galvanized | sZ | 82.6 | 10 |
| 103101403300499 | 14 | 2,160 | 97 | 182.7 | Galvanized | zS | 82.6 | 10 |

|                 |    |       |     |       |            |    |       |    |
|-----------------|----|-------|-----|-------|------------|----|-------|----|
| 103101404300499 | 14 | 2,160 | 97  | 182.7 | Galvanized | sZ | 82.6  | 10 |
| 103101503270499 | 15 | 1,960 | 111 | 196.7 | Galvanized | zS | 94.8  | 10 |
| 103101504270499 | 15 | 1,960 | 111 | 196.7 | Galvanized | sZ | 94.8  | 10 |
| 103101503300499 | 15 | 2,160 | 111 | 209.8 | Galvanized | zS | 94.8  | 10 |
| 103101504300499 | 15 | 2,160 | 111 | 209.8 | Galvanized | sZ | 94.8  | 10 |
| 103101603270499 | 16 | 1,960 | 126 | 223.8 | Galvanized | zS | 107.8 | 10 |
| 103101604270499 | 16 | 1,960 | 126 | 223.8 | Galvanized | sZ | 107.8 | 10 |
| 103101603300499 | 16 | 2,160 | 126 | 238.7 | Galvanized | zS | 107.8 | 10 |
| 103101604300499 | 16 | 2,160 | 126 | 238.7 | Galvanized | sZ | 107.8 | 10 |
| 103101803270499 | 18 | 1,960 | 160 | 283.2 | Galvanized | zS | 136.5 | 10 |
| 103101804270499 | 18 | 1,960 | 160 | 283.2 | Galvanized | sZ | 136.5 | 10 |
| 103101803300499 | 18 | 2,160 | 160 | 302.1 | Galvanized | zS | 136.5 | 10 |
| 103101804300499 | 18 | 2,160 | 160 | 302.1 | Galvanized | sZ | 136.5 | 10 |
| 103101903270499 | 19 | 1,960 | 178 | 315.6 | Galvanized | zS | 152.1 | 10 |
| 103101904270499 | 19 | 1,960 | 178 | 315.6 | Galvanized | sZ | 152.1 | 10 |
| 103101903300499 | 19 | 2,160 | 178 | 336.6 | Galvanized | zS | 152.1 | 10 |
| 103101904300499 | 19 | 2,160 | 178 | 336.6 | Galvanized | sZ | 152.1 | 10 |
| 103102003270499 | 20 | 1,960 | 198 | 349.7 | Galvanized | zS | 168.5 | 10 |
| 103102004270499 | 20 | 1,960 | 198 | 349.7 | Galvanized | sZ | 168.5 | 10 |
| 103102003300499 | 20 | 2,160 | 198 | 373   | Galvanized | zS | 168.5 | 10 |
| 103102004300499 | 20 | 2,160 | 198 | 373   | Galvanized | sZ | 168.5 | 10 |
| 103102203270499 | 22 | 1,960 | 239 | 423.1 | Galvanized | zS | 203.9 | 10 |
| 103102204270499 | 22 | 1,960 | 239 | 423.1 | Galvanized | sZ | 203.9 | 10 |

|                 |    |       |     |       |            |    |       |    |
|-----------------|----|-------|-----|-------|------------|----|-------|----|
| 103102203300499 | 22 | 2,160 | 239 | 451.3 | Galvanized | zS | 203.9 | 10 |
| 103102204300499 | 22 | 2,160 | 239 | 451.3 | Galvanized | sZ | 203.9 | 10 |
| 103102403270499 | 24 | 1,960 | 285 | 503.5 | Galvanized | zS | 242.6 | 10 |
| 103102404270499 | 24 | 1,960 | 285 | 503.5 | Galvanized | sZ | 242.6 | 10 |
| 103102403300499 | 24 | 2,160 | 285 | 537   | Galvanized | zS | 242.6 | 10 |
| 103102404300499 | 24 | 2,160 | 285 | 537   | Galvanized | sZ | 242.6 | 10 |
| 103102503270499 | 25 | 1,960 | 309 | 546.4 | Galvanized | zS | 263.3 | 10 |
| 103102504270499 | 25 | 1,960 | 309 | 546.4 | Galvanized | sZ | 263.3 | 10 |
| 103102503300499 | 25 | 2,160 | 309 | 582.7 | Galvanized | zS | 263.3 | 10 |
| 103102504300499 | 25 | 2,160 | 309 | 582.7 | Galvanized | sZ | 263.3 | 10 |
| 103102603270499 | 26 | 1,960 | 334 | 591   | Galvanized | zS | 284.8 | 10 |
| 103102604270499 | 26 | 1,960 | 334 | 591   | Galvanized | sZ | 284.8 | 10 |
| 103102603300499 | 26 | 2,160 | 334 | 630.3 | Galvanized | zS | 284.8 | 10 |
| 103102604300499 | 26 | 2,160 | 334 | 630.3 | Galvanized | sZ | 284.8 | 10 |
| 103102703270499 | 27 | 1,960 | 361 | 637.3 | Galvanized | zS | 307.1 | 10 |
| 103102704270499 | 27 | 1,960 | 361 | 637.3 | Galvanized | sZ | 307.1 | 10 |
| 103102703300499 | 27 | 2,160 | 361 | 679.7 | Galvanized | zS | 307.1 | 10 |
| 103102704300499 | 27 | 2,160 | 361 | 679.7 | Galvanized | sZ | 307.1 | 10 |
| 103102803270499 | 28 | 1,960 | 388 | 685.4 | Galvanized | zS | 330.3 | 10 |
| 103102804270499 | 28 | 1,960 | 388 | 685.4 | Galvanized | sZ | 330.3 | 10 |
| 103102803300499 | 28 | 2,160 | 388 | 731   | Galvanized | zS | 330.3 | 10 |
| 103102804300499 | 28 | 2,160 | 388 | 731   | Galvanized | sZ | 330.3 | 10 |
| 103102903270499 | 29 | 1,960 | 416 | 735.2 | Galvanized | zS | 354.3 | 10 |

|                 |      |       |     |       |            |    |       |    |
|-----------------|------|-------|-----|-------|------------|----|-------|----|
| 103102904270499 | 29   | 1,960 | 416 | 735.2 | Galvanized | sZ | 354.3 | 10 |
| 103102903300499 | 29   | 2,160 | 416 | 784.1 | Galvanized | zS | 354.3 | 10 |
| 103102904300499 | 29   | 2,160 | 416 | 784.1 | Galvanized | sZ | 354.3 | 10 |
| 103103003270499 | 30   | 1,960 | 445 | 786.8 | Galvanized | zS | 379.1 | 10 |
| 103103004270499 | 30   | 1,960 | 445 | 786.8 | Galvanized | sZ | 379.1 | 10 |
| 103103003300499 | 30   | 2,160 | 445 | 839.1 | Galvanized | zS | 379.1 | 10 |
| 103103004300499 | 30   | 2,160 | 445 | 839.1 | Galvanized | sZ | 379.1 | 10 |
| 103103103270499 | 31   | 1,960 | 476 | 840.1 | Galvanized | zS | 404.8 | 10 |
| 103103104270499 | 31   | 1,960 | 476 | 840.1 | Galvanized | sZ | 404.8 | 10 |
| 103103103300499 | 31   | 2,160 | 476 | 896   | Galvanized | zS | 404.8 | 10 |
| 103103104300499 | 31   | 2,160 | 476 | 896   | Galvanized | sZ | 404.8 | 10 |
| 103103203270499 | 32   | 1,960 | 507 | 895.2 | Galvanized | zS | 431.4 | 10 |
| 103103204270499 | 32   | 1,960 | 507 | 895.2 | Galvanized | sZ | 431.4 | 10 |
| 103103203300499 | 32   | 2,160 | 507 | 954.8 | Galvanized | zS | 431.4 | 10 |
| 103103204300499 | 32   | 2,160 | 507 | 954.8 | Galvanized | sZ | 431.4 | 10 |
| 103103303270499 | 33   | 1,960 | 539 | 952   | Galvanized | zS | 458.7 | 10 |
| 103103304270499 | 33   | 1,960 | 539 | 952   | Galvanized | sZ | 458.7 | 10 |
| 103103303300499 | 33   | 2,160 | 539 | 1,015 | Galvanized | zS | 458.7 | 10 |
| 103103304300499 | 33   | 2,160 | 539 | 1,015 | Galvanized | sZ | 458.7 | 10 |
| 103103353270499 | 33.5 | 1,960 | 555 | 981.1 | Galvanized | zS | 472.7 | 10 |
| 103103354270499 | 33.5 | 1,960 | 555 | 981.1 | Galvanized | sZ | 472.7 | 10 |
| 103103353300499 | 33.5 | 2,160 | 555 | 1,046 | Galvanized | zS | 472.7 | 10 |
| 103103354300499 | 33.5 | 2,160 | 555 | 1,046 | Galvanized | sZ | 472.7 | 10 |

|                 |    |       |     |       |            |    |       |    |
|-----------------|----|-------|-----|-------|------------|----|-------|----|
| 103103403270499 | 34 | 1,960 | 572 | 1,011 | Galvanized | zS | 487   | 10 |
| 103103404270499 | 34 | 1,960 | 572 | 1,011 | Galvanized | sZ | 487   | 10 |
| 103103403300499 | 34 | 2,160 | 572 | 1,078 | Galvanized | zS | 487   | 10 |
| 103103404300499 | 34 | 2,160 | 572 | 1,078 | Galvanized | sZ | 487   | 10 |
| 103103503270499 | 35 | 1,960 | 606 | 1,071 | Galvanized | zS | 516   | 10 |
| 103103504270499 | 35 | 1,960 | 606 | 1,071 | Galvanized | sZ | 516   | 10 |
| 103103503300499 | 35 | 2,160 | 606 | 1,142 | Galvanized | zS | 516   | 10 |
| 103103504300499 | 35 | 2,160 | 606 | 1,142 | Galvanized | sZ | 516   | 10 |
| 103103603270499 | 36 | 1,960 | 641 | 1,133 | Galvanized | zS | 545.9 | 10 |
| 103103604270499 | 36 | 1,960 | 641 | 1,133 | Galvanized | sZ | 545.9 | 10 |
| 103103603300499 | 36 | 2,160 | 641 | 1,208 | Galvanized | zS | 545.9 | 10 |
| 103103604300499 | 36 | 2,160 | 641 | 1,208 | Galvanized | sZ | 545.9 | 10 |

## Technical data