



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> | Finish     | Rope lay. | Min. Breaking force, kN | Steel area mm <sup>2</sup> | Lubrication      | Weight kg/100m |
|-----------------|-------------------|------------------------------------|------------|-----------|-------------------------|----------------------------|------------------|----------------|
| 103100803270499 | 8                 | 1,960                              | Galvanized | zS        | 55.9                    | 31.7                       | SupplierStandard | 27             |
| 103100804270499 | 8                 | 1,960                              | Galvanized | sZ        | 55.9                    | 31.7                       | SupplierStandard | 27             |
| 103100803300499 | 8                 | 2,160                              | Galvanized | zS        | 59.7                    | 31.7                       | SupplierStandard | 27             |
| 103100804300499 | 8                 | 2,160                              | Galvanized | sZ        | 59.7                    | 31.7                       | SupplierStandard | 27             |

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

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

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

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

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

## Lifting table