

## Steel Wire Rope verotech 10

### Product information



**Wire rope construction:** verotech 10 is a very flexible 10-strand, non-rotation-resistant rope in parallel lay construction with compacted strands and a rope core covered with a plastic layer.

#### Features:

- Very high breaking strength.
- Very stabile rope construction with very good fatigue properties.
- A plastic layer between inner and outer strands prevents inner wear and protects the core from corrosion.
- Very high resistance against flattening and wear.
- Specially suitable for multilayer spooling.

**ISO 4309 Rope Category No:** All Diameters **RCN.11.**

**Marking:** According to standard

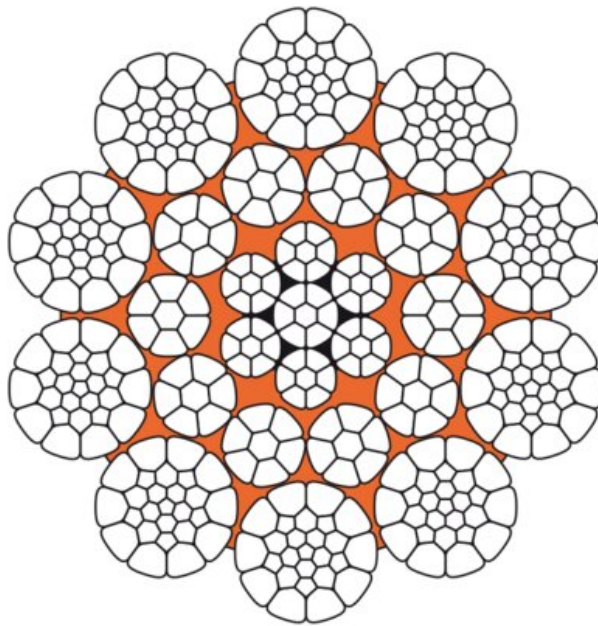
**Standard:** EN 12385-4

**Note:** verotech 10 may not be used with a swivel.

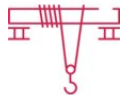
**Fill factor:** 0.732

**RCN:** 11

**Tolerance Ø:** +2% to +4%



Overhead cranes



Ladle crane



| Part Code       | Rope Diameter, mm | Steel area mm <sup>2</sup> | Min. Breaking force           |                               | Weight kg/100m |
|-----------------|-------------------|----------------------------|-------------------------------|-------------------------------|----------------|
|                 |                   |                            | kN.<br>1960 N/mm <sup>2</sup> | kN.<br>2160 N/mm <sup>2</sup> |                |
| 103100604070339 | 6                 | 21                         | 34.9                          | 38                            | 18             |
| 103100704070339 | 7                 | 28                         | 47.5                          | 51.7                          | 24             |
| 103100804070339 | 8                 | 37                         | 62                            | 67.6                          | 32             |

|                 |    |     |       |       |     |
|-----------------|----|-----|-------|-------|-----|
| 103100904070339 | 9  | 47  | 78.5  | 85.5  | 40  |
| 103101004070339 | 10 | 57  | 96.9  | 105.6 | 49  |
| 103101104070339 | 11 | 70  | 117.3 | 127.7 | 60  |
| 103101204070339 | 12 | 83  | 139.5 | 152   | 71  |
| 103101304070339 | 13 | 97  | 163.8 | 178.4 | 84  |
| 103101404070339 | 14 | 113 | 189.9 | 206.9 | 97  |
| 103101504070339 | 15 | 129 | 218   | 237.5 | 111 |
| 103101604070339 | 16 | 147 | 248.1 | 270.2 | 127 |
| 103101704070339 | 17 | 166 | 280.1 | 305.1 | 143 |
| 103101804070339 | 18 | 186 | 314   | 342   | 160 |
| 103101904070339 | 19 | 208 | 349.8 | 381   | 179 |
| 103102004070339 | 20 | 230 | 387.6 | 422.2 | 198 |
| 103102104070339 | 21 | 254 | 427.4 | 465.5 | 218 |
| 103102204070339 | 22 | 278 | 469   | 510.9 | 239 |
| 103102304070339 | 23 | 304 | 512.6 | 558.4 | 262 |
| 103102404070339 | 24 | 331 | 558.2 | 608   | 285 |
| 103102504070339 | 25 | 359 | 605.7 | 659.7 | 309 |
| 103102604070339 | 26 | 389 | 655.1 | 713.5 | 334 |
| 103102704070339 | 27 | 419 | 706.5 | 769.5 | 360 |
| 103102804070339 | 28 | 451 | 759.8 | 827.5 | 388 |
| 103102904070339 | 29 | 484 | 815   | 887.7 | 416 |
| 103103004070339 | 30 | 517 | 872.2 | 950   | 445 |
| 103103104070339 | 31 | 552 | 931.3 | 1014  | 475 |

|                 |    |     |       |      |     |
|-----------------|----|-----|-------|------|-----|
| 103103204070339 | 32 | 589 | 992.3 | 1081 | 506 |
| 103103304070339 | 33 | 626 | 1055  | 1149 | 538 |
| 103103404070339 | 34 | 665 | 1120  | 1220 | 572 |

**Technical data**