

# Verotech 10

verope 



**Features:**

- Very high breaking strength.
- Very stable 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.**

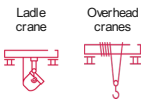
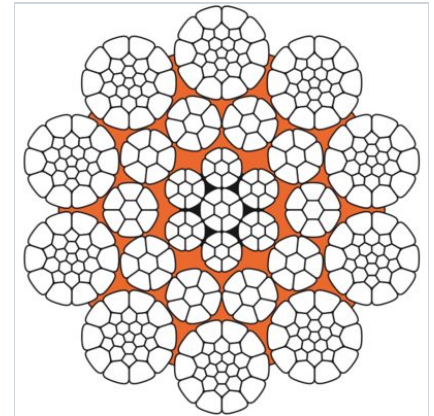
**Rope construction:** 10 strand rope with a plastic layer between the steel core and the compacted outer strands.

**Marking:** According to standard

**Standard:** EN 12385-4

**Fill factor:** 0.73

**Tolerance Ø:** 2% - 4%



Select a row from the table below, then click the add to quote button

| Part Code | Diameter<br>mm | Steel Area<br>mm <sup>2</sup> | Min. breakingforce<br>kN<br>1960 N/mm <sup>2</sup> |  | Min. breakingforce<br>kN<br>2160 N/mm <sup>2</sup> | Weight<br>kg/100m |
|-----------|----------------|-------------------------------|--|--|--|-------------------|
| --        | 6              | 21                            | 34.9   |  | 38   | 18                |
| --        | 7              | 28                            | 47.5   |  | 51.7   | 24                |
| --        | 8              | 37                            | 62   |  | 67.6   | 32                |
| --        | 9              | 47                            | 78.5   |  | 85.5   | 40                |
| --        | 10             | 57                            | 96.9   |  | 105.6  | 49                |
| --        | 11             | 70                            | 117.3  |  | 127.7  | 60                |
| --        | 12             | 83                            | 139.5  |  | 152  | 71                |
| --        | 13             | 97                            | 163.8  |  | 178.4  | 84                |
| --        | 14             | 113                           | 189.9  |  | 206.9  | 97                |
| --        | 15             | 129                           | 218  |  | 237.5  | 111               |
| --        | 16             | 147                           | 248.1  |  | 270.2  | 127               |
| --        | 17             | 166                           | 280.1  |  | 305.1  | 143               |
| --        | 18             | 186                           | 314  |  | 342  | 160               |
| --        | 19             | 208                           | 349.8  |  | 381  | 179               |
| --        | 20             | 230                           | 387.6  |  | 422.2  | 198               |
| --        | 21             | 254                           | 427.4  |  | 465.5  | 218               |
| --        | 22             | 278                           | 469  |  | 510.9  | 239               |
| --        | 23             | 304                           | 512.6  |  | 558.4  | 262               |
| --        | 24             | 331                           | 558.2  |  | 608  | 285               |
| --        | 25             | 359                           | 605.7  |  | 659.7  | 309               |
| --        | 26             | 389                           | 655.1  |  | 713.5  | 334               |
| --        | 27             | 419                           | 706.5  |  | 769.5  | 360               |
| --        | 28             | 451                           | 759.8  |  | 827.5  | 388               |
| --        | 29             | 484                           | 815  |  | 887.7  | 416               |
| --        | 30             | 517                           | 872.2  |  | 950  | 445               |
| --        | 31             | 552                           | 931.3  |  | 1.014  | 475               |
| --        | 32             | 589                           | 992.3  |  | 1.081  | 506               |
| --        | 33             | 626                           | 1.055  |  | 1.149  | 538               |
| --        | 34             | 665                           | 1.12   |  | 1.22   | 572               |

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Add to quote

| Diameter<br>Ø<br>mm | Total number<br>of wires | Outer strands<br>number of wires | Number of wire break at discard |        |            |        | Average |      |        | Elasticity<br>modulus<br>(kgf/mm <sup>2</sup> ) | Elongation<br>under 3%<br>of MBL |
|---------------------|--------------------------|----------------------------------|---------------------------------|--------|------------|--------|---------|------|--------|---|----------------------------------|
|                     |                          |                                  | Regular lay                     |        | Lang's lay |        | fill    | spin | weight |   |                                  |
|                     |                          |                                  | 6 x d                           | 30 x d | 6 x d      | 30 x d |         |      |        |   |                                  |
| 8-42                | 327                      | 208                              | 18                              | 35     | 9          | 18     | 0,61    | 0,89 | 0,92   | 12250   | 0,290                            |
| 43-48               | 367                      | 248                              | 21                              | 42     | 10         | 21     | 0,61    | 0,89 | 0,92   | 12250   | 0,290                            |
| 49-60               | 407                      | 288                              | 24                              | 48     | 12         | 24     | 0,61    | 0,89 | 0,92   | 12250   | 0,290                            |

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