



ÖLFLEX® CRANE VS (N)SHTÖU

Reelable cables for medium to high mechanical stress



Info

- Reinforced outer sheath design
- Central and tear-resistant supporting element
- Suitable for extreme tensile stress

Benefits

- The central supporting element absorbs the tensile loads that occur, thereby allowing reeling, unreeling and deflection for free-hanging cables even over large distances.
- Reeling, unreeling and guiding operations also impose tensile stresses on the cables
- Integrated supporting braid prevents undesirable cable twists, and the formation of so-called corkscrew effects

Application range

- For use in hoists, transport and conveyor systems
- Cables are reeled, unreeling, and guided by roller trains
- In dry or damp interiors, outdoors, or not more than 2 weeks without interruption in industrial water
- The application profiles for ÖLFLEX® CRANE and ÖLFLEX® LIFT cables can be found in the appendix, selection table A3
- The assembly and handling guidelines for ÖLFLEX® CRANE cables can be found in the catalogue appendix, technical table T4; for ÖLFLEX® LIFT cables please see the catalogue appendix, technical table T5

Product features

- Flame-retardant according IEC 60332-1-2
- Oil-resistant according to EN 60811-404
- Good chemical, thermal and mechanical-resistance

Norm references / Approvals

- Based on VDE 0250-814 (NSHTÖU)

Product Make-up

- Strands of tinned-copper wires
- Core insulation: rubber compound, type 3GI3
- Central supporting element
- Support braid integrated in the outer sheath
- Outer sheath: rubber compound, type 5GM5

Technical data

Classification ETIM 5/6
ETIM 5.0/6.0 Class-ID: EC000057
ETIM 5.0/6.0 Class-Description: Low voltage power cable

Core identification code
Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9
From 6 cores: black with white numbers

Conductor stranding
Fine wire according to VDE 0295 Class 5 / IEC 60228 Class 5

Minimum bending radius
Flexible use: 7.5 x outer diameter

Nominal voltage
U0/U: 600/1000 V

Test voltage
3000 V

Protective conductor
G = with GN-YE protective conductor
X = without protective conductor

Current rating
VDE 298 Part 4

Temperature range
Flexible use: -25°C to +80°C

| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Tensile strength (N) | Copper index (kg/km) | Weight (kg/km) |
|----------------------------------|---|---------------------|----------------------|----------------------|----------------|
| ÖLFLEX® CRANE VS (N)SHTÖU | | | | | |
| 0044008 | 7 G 1.5 | 18.8 | 2000 | 100.8 | 430 |
| 0044009 | 12 G 1.5 | 25.3 | 2000 | 172.8 | 820 |
| 0044010 | 18 G 1.5 | 25.3 | 2000 | 259.2 | 930 |
| 0044011 | 24 G 1.5 | 30.1 | 2000 | 345.6 | 1260 |
| 0044036 | 36 G 1.5 | 34 | 2000 | 518.4 | 1650 |
| 0044015 | 7 G 2.5 | 21.6 | 2000 | 168 | 630 |
| 0044016 | 12 G 2.5 | 29.4 | 2000 | 288 | 1150 |
| 00440333 | 5 G 4 | 19.6 | 2000 | 192 | 510 |
| 00440223 | 4 G 10 | 23.4 | 2000 | 384 | 830 |
| 00440233 | 4 G 16 | 25.5 | 2000 | 614.4 | 1170 |
| 00440323 | 5 G 16 | 27.5 | 2400 | 768 | 1400 |
| 00440243 | 4 G 25 | 32.6 | 3000 | 960 | 1850 |
| 00440253 | 4 G 35 | 34.8 | 4000 | 1344 | 2250 |
| 00440263 | 4 G 50 | 40.6 | 6000 | 1920 | 3200 |
| 00440283 | 4 G 70 | 44.8 | 8000 | 2688 | 4200 |
| 00440293 | 4 G 95 | 51.2 | 11000 | 3648 | 5550 |

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

Similar products

- ÖLFLEX® CRANE NSHTÖU refer to page 169
- ÖLFLEX® CRANE PUR refer to page 171

Accessories

- Ratchet cutter refer to page 980
- EASY STRIP stripping and cutting tool refer to page 988
- V 1311-A pressing pliers, hydraulic refer to page 1014
- STAR STRIP stripping tool refer to page 985
- KT cable shears
- PVL 1300 pressing pliers battery-operated refer to page 1015