

ÖLFLEX® CRANE NSHTÖU

Reelable cables for low and medium mechanical stress

ÖLFLEX® CRANE NSHTÖU - Low voltage power cable for outdoor use and crane applications/conveyour technology. Power and control rubber cable, reelable, U_0/U : 0,6/1kV

Info

Robust and efficient

Suitable for outdoor use

Integrated sheath supporting braid



Suitable for outdoor use



Cold-resistant



Oil-resistant



UV-resistant

Benefits

Can be used as hawser, drum and towing cable as well as for energy supply chains

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

Reeling/unreeling during operation without fixing

In dry or damp interiors, outdoors and 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;

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Product Management www.lappkabel.de

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

ÖLFLEX® CRANE NSHTÖU

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
UV-resistant

Norm references / Approvals

<VDE> NSHTÖU cable type certification acc. VDE 0250-814

Product Make-up

Strands of tinned-copper wires
Core insulation: rubber compound, type 3GI3
Support braid integrated in the outer sheath
Outer sheath: rubber compound, type 5GM3

Technical Data

| | |
|---------------------------|--|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC000057 ETIM 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: Cables with outer diameter < 21,5 mm: 5 x outer diameter Cables with outer diameter > 21,5 mm: 6,25 x outer diameter |
| Nominal voltage: | U0/U: 600/1000 V |
| Test voltage: | 4000 V |
| Protective conductor: | G = with GN-YE protective conductor X = without protective conductor |
| Current rating: | VDE 0298 Part 4 |
| Temperature range: | Flexible use: -25 °C to +80 °C |

Note

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.

Prices are net prices without VAT and surcharges. Sale to business customers only.

**ÖLFLEX® CRANE NSHTÖU**

| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Copper index (kg/km) | Weight (kg/km) |
|----------------------|---|---------------------|----------------------|----------------|
| ÖLFLEX® CRANE NSHTÖU | | | | |
| 0043006 | 3 G 1.5 | 14 | 43.2 | 190 |
| 00430053 | 4 G 1.5 | 14.8 | 57.6 | 220 |
| 00430073 | 5 G 1.5 | 15.7 | 72 | 260 |
| 0043008 | 7 G 1.5 | 18.2 | 100.8 | 380 |
| 0043009 | 12 G 1.5 | 23.9 | 172.8 | 720 |
| 0043010 | 18 G 1.5 | 23.9 | 259.2 | 770 |
| 0043011 | 24 G 1.5 | 27.1 | 345.6 | 1000 |
| 0043012 | 30 G 1.5 | 30.2 | 432 | 1320 |
| 0043013 | 3 G 2.5 | 15.5 | 72 | 250 |
| 00430303 | 4 G 2.5 | 16.9 | 96 | 330 |
| 00430143 | 5 G 2.5 | 18 | 120 | 390 |
| 0043015 | 7 G 2.5 | 20.6 | 168 | 510 |
| 0043016 | 12 G 2.5 | 27.4 | 288 | 970 |
| 0043017 | 18 G 2.5 | 27.4 | 432 | 1100 |
| 0043018 | 24 G 2.5 | 31.6 | 576 | 1450 |
| 0043019 | 30 G 2.5 | 36.3 | 720 | 1950 |
| 00430203 | 4 G 4.0 | 18.4 | 153.6 | 440 |
| 00430333 | 5 G 4.0 | 19.6 | 192 | 520 |
| 00430213 | 4 G 6.0 | 19.8 | 230.4 | 530 |
| 00430343 | 5 G 6.0 | 21.7 | 288 | 690 |
| 00430223 | 4 G 10.0 | 23.4 | 384 | 830 |
| 00430003 | 5 G 10.0 | 25.2 | 480 | 1000 |
| 00430233 | 4 G 16.0 | 25.5 | 614.4 | 1170 |
| 00430323 | 5 G 16.0 | 27.5 | 768 | 1400 |
| 00430243 | 4 G 25.0 | 32.6 | 960 | 1830 |
| 00430253 | 4 G 35.0 | 34.8 | 1344 | 2280 |
| 00430263 | 4 G 50.0 | 40.6 | 1920 | 3220 |
| 00430283 | 4 G 70.0 | 44.8 | 2688 | 4200 |
| 00430293 | 4 G 95.0 | 51.2 | 3648 | 5530 |

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