



## ÖLFLEX® CRANE NSHTÖU

Reelable cables for low and medium mechanical stress



**Info**

- Robust and efficient
- Suitable for outdoor use
- Integrated sheath supporting braid

### 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, 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
- For connecting mobile equipment in hazardous areas acc. to DIN VDE 0165
- 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 5.0 Class-ID: EC000057  
ETIM 5.0 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

**Specific insulation resistance**  
> 10 GOhm x cm

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

**Minimum bending radius**  
7.5 x outer diameter

**Nominal voltage**  
U<sub>0</sub>/U: 600/1000 V

**Test voltage**  
3000 V

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

**Current rating**  
VDE 0298 Part 4

**Temperature range**  
-25°C to +80°C

| Article number              | Number of cores and mm <sup>2</sup> per conductor | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|-----------------------------|---|---------------------|----------------------|----------------|
| <b>ÖLFLEX® CRANE NSHTÖU</b> |   |                     |                      |                |
| 0043006                     | 3 G 1.5   | 12.2                | 43.2                 | 190            |
| 00430053                    | 4 G 1.5   | 14.8                | 57.6                 | 220            |
| 00430073                    | 5 G 1.5   | 15.7                | 72.0                 | 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                | 432.0                | 1320           |
| 0043013                     | 3 G 2.5   | 13.5                | 72.0                 | 250            |
| 00430303                    | 4 G 2.5   | 16.9                | 96.0                 | 330            |
| 00430143                    | 5 G 2.5   | 18.0                | 120.0                | 390            |
| 0043015                     | 7 G 2.5   | 20.6                | 168.0                | 510            |
| 0043016                     | 12 G 2.5  | 27.4                | 288.0                | 970            |
| 0043017                     | 18 G 2.5  | 27.4                | 432.0                | 1100           |

| Article number | Number of cores and mm <sup>2</sup> per conductor | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------|
| 0043018        | 24 G 2.5  | 31.6                | 576.0                | 1450           |
| 0043019        | 30 G 2.5  | 36.3                | 720.0                | 1950           |
| 00430203       | 4 G 4   | 18.4                | 153.6                | 440            |
| 00430333       | 5 G 4   | 19.6                | 192.0                | 520            |
| 00430213       | 4 G 6   | 19.8                | 230.4                | 530            |
| 00430343       | 5 G 6   | 21.7                | 288.0                | 690            |
| 00430223       | 4 G 10  | 23.4                | 384.0                | 830            |
| 00430003       | 5 G 10  | 25.2                | 480.0                | 1000           |
| 00430233       | 4 G 16  | 25.5                | 614.4                | 1170           |
| 00430323       | 5 G 16  | 27.5                | 768.0                | 1400           |
| 00430243       | 4 G 25  | 32.6                | 960.0                | 1830           |
| 00430253       | 4 G 35  | 34.8                | 1,344.0              | 2280           |
| 00430263       | 4 G 50  | 40.6                | 1,920.0              | 3220           |
| 00430283       | 4 G 70  | 44.8                | 2,688.0              | 4200           |
| 00430293       | 4 G 95  | 51.2                | 3,648.0              | 5530           |

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.  
Copper price basis: EUR 150/100kg. 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](http://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 are not to scale and do not represent detailed images of the respective products.

### Similar products

- ÖLFLEX® CRANE VS (N)SHTÖU refer to page 153
- ÖLFLEX® CRANE PUR refer to page 154

### Accessories

- STAR STRIP stripping tool refer to page 910
- KT cable shears refer to page 908