

## 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](http://www.lappkabel.de)

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

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# 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<br>ETIM 5.0 Class-Description: Low voltage power cable                                                       |
| Classification ETIM 6:    | ETIM 6.0 Class-ID: EC000057<br>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<br>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:<br>Cables with outer diameter < 21,5 mm: 5 x outer diameter<br>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<br>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](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 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 <sup>2</sup> 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           |