

## ÖLFLEX® CRANE VS (N)SHTÖU


Reelable cables for medium to high mechanical stress

ÖLFLEX® CRANE VS (N)SHTÖU - Low voltage power cable for outdoor use and crane applications/conveyour technology.  
Reelable,  $U_0/U$ : 0,6/1kV

### Info

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



-  Suitable for outdoor use
-  Cold-resistant
-  Mechanical resistance
-  Oil-resistant
-  Optimum strain relief
-  UV-resistant

### 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

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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.

PN 0456 / 02\_03.16

## ÖLFLEX® CRANE VS (N)SHTÖU

### Application range

For use in hoists, transport and conveyor systems

Cables are reeled, unreeled, 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:	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: 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

### 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).

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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 VS (N)SHTÖU**

Article number	Number of cores and mm <sup>2</sup> 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 4.0	19.6	2000	192	510
00440223	4 G 10.0	23.4	2000	384	830
00440233	4 G 16.0	25.5	2000	614.4	1170
00440323	5 G 16.0	27.5	2400	768	1400
00440243	4 G 25.0	32.6	3000	960	1850
00440253	4 G 35.0	34.8	4000	1344	2250
00440263	4 G 50.0	40.6	6000	1920	3200
00440283	4 G 70.0	44.8	8000	2688	4200
00440293	4 G 95.0	51.2	11000	3648	5550

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