

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

Last Update (07.10.2021)

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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

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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

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

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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 4.0	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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