

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, 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;

Last Update (11.12.2022)

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

PN 0456 / 02_03.16

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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.

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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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