® LAPP GROUP

Conveyor technology • Reelable

















ÖLFLEX® CRANE VS (N)SHTÖU

Reelable cables for medium to high mechanical stress



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





LAPP KABEL STUTTGART ÖLFLEX® CRANE VS (N)SHTÖU CE



Benefits

- · The central supporting element absorbs the tensile loads that occur, thereby allowing reeling, unreeling and deflection for free-hanging cables even over large
- · 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

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 OLFLEX® 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-
- · For connecting mobile equipment in hazardous areas acc. to DIN VDE 0165

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 5.0 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



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

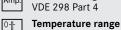


Test voltage 3000 V



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







Flexible use: -25°C to +80°C

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	19.6	2000	192	510
00440223	4 G 10	23.4	2000	384	830
00440233	4 G 16	25.5	2000	614.4	1170
00440323	5 G 16	27.5	2400	768	1400
00440243	4 G 25	32.6	3000	960	1850
00440253	4 G 35	34.8	4000	1344	2250
00440263	4 G 50	40.6	6000	1920	3200
00440283	4 G 70	44.8	8000	2688	4200
00440293	4 G 95	51.2	11000	3648	5550

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: $coil \le 30 \text{ kg or} \le 250 \text{ m}$, 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 NSHTÖU refer to page 162
- ÖLFLEX® CRANE PUR refer to page 164

- · EASY STRIP stripping and cutting tool refer to page 1004
- V 1311-A pressing pliers, hydraulic refer to page 1030
- · STAR STRIP stripping tool refer to page 1000
- · KT cable shears refer to page 999
- PVL 1300 pressing pliers battery-operated refer to page 1031