

Reelable cables for low and medium mechanical stress

## Product Description

Can be used as hawser, drum and drag cable as well as for power chains; Integrated supporting braid prevents undesirable cable twists as well as the formation of so-called corkscrew effects



## Application range

- For use in hoists, transport and conveyor systems
- Wherever cables are reeled, unreeled or also guided by roller trains
- In dry and damp rooms, outdoors as well as in industrial water

## Benefits

- Can be used as hawser, drum and drag cable as well as for power chains
- Integrated supporting braid prevents undesirable cable twists as well as the formation of so-called corkscrew effects

## Design

- Strands of tinned copper wires
- Core insulation: Rubber Type 3GI3
- Support braid integrated in the outer sheath
- Outer jacket of rubber Type 5GM3

## Approvals (Norm references)

- Application profiles for ÖLFLEX® CRANE cables see Appendix, Selection table A3
- Assembly guidelines for ÖLFLEX® CRANE cables see Appendix, Selection table T4



### Product features

- Flame retardant according to IEC 60332-1-2
- Oil resistant according to EN 60811-2-1
- Good chemical, thermal and mechanical resistance
- Suitable for connection of mobile equipment in hazardous areas acc. to DIN VDE 0165

### Technical Data

#### Core identification code

Up to 5 cores: colour coded according VDE 0293-308, see Appendix T9

Starting at 6 cores: Black with white numbers

#### Approvals

VDE 0250 Part 814 NSHTÖU

#### Specific insulation resistance

> 10 GOhm x cm

#### Conductor stranding

Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5

#### Minimum bending radius

Flexible use for reeling applications: cables with outer diameter < 21,5mm 5 x outer diameter cables with outer diameter > 21,5mm 6,25 x outer diameter

Flexible use with deflection pulleys: 7,5 x outer diameter

#### Rated voltage

U0/U: 600/1000 V

#### Test voltage

3000 V

#### Protective conductor

G = with protective conductor GN/YE

X = without protective conductor

#### Current rating

VDE 0298 Part 4

#### Range of temperature

Max. cond. temperature: +80°C

### Article List

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® CRANE NSHTÖU				
0043006	3 G 1,5	12.2	45.0	190
00430053	4 G 1,5	14.8	58.0	220
00430073	5 G 1,5	15.7	81.0	260
0043008	7 G 1,5	18.2	115.0	380
0043009	12 G 1,5	23.9	196.0	720

0043010	18 G 1,5	23.9	271.0	770
0043011	24 G 1,5	27.1	392.0	1000
0043012	30 G 1,5	30.2	432.0	1320
0043013	3 G 2,5	13.5	74.0	250
00430303	4 G 2,5	16.9	99.0	330
00430143	5 G 2,5	18.0	124.0	390
0043015	7 G 2,5	20.6	180.0	510
0043016	12 G 2,5	27.4	308.0	970
0043017	18 G 2,5	27.4	451.0	1100
0043018	24 G 2,5	31.6	616.0	1450
0043019	30 G 2,5	36.3	771.0	1950
00430203	4 G 4	18.4	158.0	440
00430333	5 G 4	19.6	220.0	520
00430213	4 G 6	19.8	241.0	530
00430343	5 G 6	21.7	317.0	690
00430223	4 G 10	23.4	404.0	830
00430003	5 G 10	25.2	510.0	1000
00430233	4 G 16	25.5	642.0	1170
00430323	5 G 16	27.5	768.0	1400
00430243	4 G 25	32.6	1005.0	1830
00430253	4 G 35	34.8	1410.0	2280
00430263	4 G 50	40.6	2010.0	3220
00430283	4 G 70	44.8	2688.0	4200
00430293	4 G 95	51.2	3648.0	5530

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (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.