

ÖLFLEX® CRANE

Highly flexible and weather-proof rubber cables with support element

ÖLFLEX® CRANE - flexible cable, flame retardant for outdoor use and crane applications/conveyour technology, power and control rubber cable, U₀/U:300/500V

Info

Suitable for outdoor use

Integrated supporting element

Also suitable for power chains and cable trolley systems



Suitable for outdoor use



Cold-resistant



Oil-resistant



Optimum strain relief



UV-resistant

Benefits

Weather-resistant for harsh environmental conditions

Very flexible due to extra-fine wire conductor design

Cables up to a max. 24 cores can also be used in power chains

Application range

Machinery and equipment that are permanently exposed to the weather; conveying and hoisting equipment; construction

Last Update (11.12.2022)

©2022 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

ÖLFLEX® CRANE

machinery; shipyard machinery

Suitable for use in special conditions, such as not more than 2 weeks without interruption of submersion in industrial or sea water

The application profiles for ÖLFLEX® CRANE and ÖLFLEX® LIFT cables can be found in the appendix, selection table A3

For highly flexible applications, please follow the assembly guidelines for ÖLFLEX® FD cables in power chains; see appendix T3

Product features

Flame-retardant according IEC 60332-1-2

Not suitable for use on guide pulleys or drums under tensile load

Refer to the article table for the tensile strength of the cable

The cable should be installed in a way that the supporting element can absorb the tensile forces

The mobility of the cores must not be affected by the clamps

Norm references / Approvals

Based on VDE 0250

Product Make-up

Conductor made of bare copper wires

Core insulation: rubber compound

Special supporting element as strain relief

Outer sheath: rubber compound, type EM2

Technical Data

| | |
|---------------------------|---|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC001578 ETIM 6.0 Class-Description: Flexible 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: | 0.15 mm wire diameter at 1.0 mm ² 0.20 mm wire diameter from 1.5 mm ² |
| Minimum bending radius: | Flexible use: 12.5 x outer diameter Fixed installation: 6 x outer diameter |
| Nominal voltage: | U0/U: 300/500 V |
| Test voltage: | 3000 V |
| Protective conductor: | G = with GN-YE protective conductor X = without protective conductor |
| Temperature range: | Flexible use: -25 °C to +80 °C Fixed installation: -40 °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.

Last Update (11.12.2022)

©2022 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

ÖLFLEX® CRANE

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

ÖLFLEX® CRANE

| 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 | | | | | |
| 0039001 | 2.0 X 1.0 | 7.4 | 300 | 19.2 | 89 |
| 0039002 | 3.0 G 1.0 | 8.3 | 300 | 28.8 | 106 |
| 00390033 | 4.0 G 1.0 | 8.9 | 300 | 38.4 | 127 |
| 00390043 | 5.0 G 1.0 | 10.4 | 300 | 48 | 149 |
| 0039107 | 7.0 G 1.0 | 12.9 | 300 | 67.2 | 206 |
| 0039109 | 9.0 G 1.0 | 14.4 | 300 | 86.4 | 281 |
| 0039054 | 12.0 G 1.0 | 18.5 | 360 | 115.2 | 422 |
| 0039055 | 18.0 G 1.0 | 19.2 | 540 | 172.8 | 451 |
| 0039056 | 24.0 G 1.0 | 22.1 | 720 | 230.4 | 646 |
| 0039057 | 36.0 G 1.0 | 26.1 | 1080 | 345.6 | 863 |
| 0039017 | 2.0 X 1.5 | 8 | 300 | 28.8 | 108 |
| 0039018 | 3.0 G 1.5 | 8.7 | 300 | 43.2 | 128 |
| 00390193 | 4.0 G 1.5 | 9.9 | 300 | 57.6 | 158 |
| 00390203 | 5.0 G 1.5 | 10.9 | 300 | 72 | 188 |
| 0039061 | 7.0 G 1.5 | 14 | 315 | 100.8 | 260 |
| 0039208 | 8.0 G 1.5 | 15.2 | 360 | 115.2 | 300 |
| 0039209 | 9.0 G 1.5 | 15.9 | 405 | 129.6 | 375 |
| 0039210 | 10.0 G 1.5 | 17 | 450 | 144 | 427 |
| 0039058 | 12.0 G 1.5 | 19.9 | 540 | 172.8 | 557 |
| 0039059 | 18.0 G 1.5 | 20.9 | 810 | 259.2 | 608 |
| 0039060 | 24.0 G 1.5 | 23.4 | 1080 | 345.6 | 825 |
| 0039034 | 2.0 X 2.5 | 9.7 | 300 | 48 | 145 |
| 0039035 | 3.0 G 2.5 | 10.2 | 300 | 72 | 173 |
| 00390363 | 4.0 G 2.5 | 11.6 | 300 | 96 | 219 |
| 00390373 | 5.0 G 2.5 | 12.4 | 375 | 120 | 259 |
| 0039307 | 7.0 G 2.5 | 16.6 | 525 | 168 | 378 |
| 0039309 | 9.0 G 2.5 | 18.9 | 675 | 216 | 518 |
| 0039312 | 12.0 G 2.5 | 23.3 | 900 | 288 | 770 |
| 0039316 | 16.0 G 2.5 | 22.8 | 1200 | 384 | 749 |
| 0039318 | 18.0 G 2.5 | 24.4 | 1350 | 432 | 837 |
| 0039324 | 24.0 G 2.5 | 28.5 | 1800 | 576 | 1184 |
| 00390463 | 4.0 G 4.0 | 15.2 | 480 | 153.6 | 307 |
| 00390473 | 5.0 G 4.0 | 16.8 | 600 | 192 | 394 |

Last Update (1.1.12.2022)

©2022 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

 You can find the current technical data in the corresponding data sheet.
 PN 0456 / 02_03_16

ÖLFLEX® CRANE

| Article number | Number of cores and mm ² per conductor | Outer diameter [mm] | Tensile strength (N) | Copper index (kg/km) | Weight (kg/km) |
|----------------|---|---------------------|----------------------|----------------------|----------------|
| 00390483 | 4.0 G 6.0 | 16.8 | 720 | 230.4 | 409 |
| 00390493 | 5.0 G 6.0 | 19.2 | 900 | 288 | 528 |
| 00390503 | 4.0 G 10.0 | 21.8 | 1200 | 384 | 698 |
| 00390513 | 5.0 G 10.0 | 24.6 | 1500 | 480 | 853 |
| 00390523 | 4.0 G 16.0 | 25.4 | 1920 | 614.4 | 974 |
| 00390533 | 5.0 G 16.0 | 28 | 2400 | 768 | 1226 |

Last Update (1.1.12.2022)

©2022 Lapp Group - Technical changes reserved

Product Management www.lappkabel.de

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

PN 0456 / 02_03_16