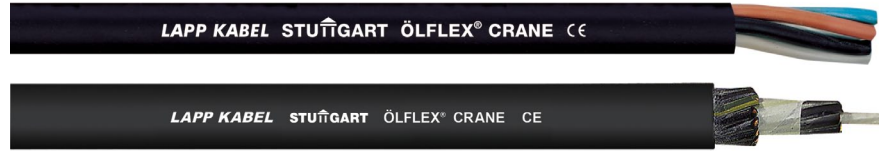




**ÖLFLEX® CRANE**

Highly flexible and weather-proof rubber cables with support element



**Info**

- Suitable for outdoor use
- Integrated supporting element
- Also suitable for power chains and cable trolley systems

**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 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
- 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
- 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 support element
- 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**

- Strands of bare copper wires
- Core insulation: rubber compound
- Special supporting element as strain relief
- Outer sheath: rubber compound, type EM2

**Technical data**

**Classification**  
ETIM 5.0 Class-ID: EC001578  
ETIM 5.0 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

**Specific insulation resistance**  
> 20 GOhm x cm

**Conductor stranding**  
0.15 mm wire diameter at 1.0 mm<sup>2</sup>  
0.20 mm wire diameter from 1.5 mm<sup>2</sup>

**Minimum bending radius**  
Flexible use: 12.5 x outer diameter

**Nominal voltage**  
U<sub>0</sub>/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

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Tensile strength (N)	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® CRANE</b>					
0039001	2 X 1.0	7.4	300	19.2	89
0039002	3 G 1.0	8.3	300	28.8	106
00390033	4 G 1.0	8.9	300	38.4	127
00390043	5 G 1.0	10.4	300	48.0	149
0039107	7 G 1.0	12.9	300	67.2	206
0039109	9 G 1.0	14.4	300	86.4	281
0039054	12 G 1.0	18.5	360	115.2	422
0039116	16 G 1.0	17.9	480	153.6	407
0039055	18 G 1.0	19.2	540	172.8	451
0039120	20 G 1.0	20.5	600	192.0	530
0039056	24 G 1.0	22.1	720	230.4	646
0039057	36 G 1.0	26.1	1,080	345.6	863
0039148	48 G 1.0	29.6	1,440	460.8	1222
0039017	2 X 1.5	8.0	300	28.8	108
0039018	3 G 1.5	8.7	300	43.2	128
00390193	4 G 1.5	9.9	300	57.6	158
00390203	5 G 1.5	10.9	300	72.0	188
0039061	7 G 1.5	14.0	315	100.8	260
0039208	8 G 1.5	15.2	360	115.2	300
0039209	9 G 1.5	15.9	405	129.6	375
0039210	10 G 1.5	17.0	450	144.0	427

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Tensile strength (N)	Copper index (kg/km)	Weight (kg/km)
0039058	12 G 1.5	19.9	540	172.8	557
0039059	18 G 1.5	20.9	810	259.2	608
0039060	24 G 1.5	23.4	1,080	345.6	825
0039034	2 X 2.5	9.7	300	48.0	145
0039035	3 G 2.5	10.2	300	72.0	173
00390363	4 G 2.5	11.6	300	96.0	219
00390373	5 G 2.5	12.4	375	120.0	259
0039307	7 G 2.5	16.6	525	168.0	378
0039309	9 G 2.5	18.9	675	216.0	518
0039312	12 G 2.5	23.3	900	288.0	770
0039316	16 G 2.5	22.8	1,200	384.0	749
0039318	18 G 2.5	24.4	1,350	432.0	837
0039324	24 G 2.5	28.5	1,800	576.0	1184
0039336	36 G 2.5	33.2	2,700	864.0	1634
00390463	4 G 4	15.2	480	153.6	307
00390473	5 G 4	16.8	600	192.0	394
00390483	4 G 6	16.8	720	230.4	409
00390493	5 G 6	19.2	900	288.0	528
00390503	4 G 10	21.8	1,200	384.0	698
00390513	5 G 10	24.6	1,500	480.0	853
00390523	4 G 16	25.4	1,920	614.4	974
00390533	5 G 16	28.0	2,400	768.0	1226

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.  
Copper price basis: EUR 150/100kg. 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](http://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 are not to scale and do not represent detailed images of the respective products.

**Similar products**

- ÖLFLEX® CRANE NSHTÖU refer to page 152
- ÖLFLEX® CRANE VS (N)SHTÖU refer to page 153

**Accessories**

- SKINTOP® CLICK System refer to page 657