

Weatherproof rubber flat cables

### Product Description

Weatherproof for harsh environmental conditions; Flat cables need less space than round cables; Compared with round cables considerably smaller bending radii are possible



### Application range

- In crane systems on building sites and shipyards for static installation as well as for flexible use in cable trolley systems
- Sewage plants, steelworks and high rack facilities

### Benefits

- Weatherproof for harsh environmental conditions
- Flat cables need less space than round cables
- Compared with round cables considerably smaller bending radii are possible

### Design

- Strands of bare or tinned copper wires
- Core insulation: Rubber
- Outer jacket of special rubber compound

### Product features

- Flame retardant according to IEC 60332-1-2

**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

**Based on**

VDE 0250 (NGFLGÖU)

**Specific insulation resistance**

> 10 GOhm x cm

**Conductor stranding**

Copper conductor acc. VDE 0295 / IEC 60228 up to  
25mm<sup>2</sup>: extra fine wire, class 6 from 35mm<sup>2</sup>: fine  
wire, class 5

**Minimum bending radius**

Flexible use: 10 x cable thickness

**Rated voltage**

U0/U: 300/500 V

**Test voltage**

3000 V

**Protective conductor**

G = with protective conductor GN/YE

X = without protective conductor

**Range of temperature**

Flexible use: -25°C up to +90°C

**Article List**

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer dimensions Width x height mm	Copper index kg/km	Weight kg/km
ÖLFLEX® CRANE F				
0041041	4 G 1,5	17,5 x 6,2	58.0	200
0041042	5 G 1,5	21,5 x 6,2	72.0	240
0041043	7 G 1,5	29 x 6,2	101.0	360
0041044	8 G 1,5	31,5 x 6,2	115.0	370
0041045	10 G 1,5	40 x 6,5	144.0	520
0041046	12 G 1,5	47 x 6,5	173.0	620
0041047	4 G 2,5	21 x 7,5	96.0	280
0041048	5 G 2,5	27 x 7,5	120.0	400
0041049	7 G 2,5	35 x 7,5	168.0	520
0041050	8 G 2,5	39 x 7,5	192.0	550
0041051	12 G 2,5	56 x 8	288.0	800
0041052	4 G 4	26 x 9	154.0	410
0041053	7 G 4	42 x 9	269.0	700
0041054	4 G 6	29 x 9,5	230.0	600
0041055	5 G 6	35 x 9,5	288.0	650
0041056	7 G 6	42 x 9,5	403.0	850



0041057	4 G 10	33 x 11	384.0	800
0041058	5 G 10	44 x 11	480.0	1000
0041059	4 G 16	38 x 13	614.0	1150
0041060	4 G 25	49,5 x 15	960.0	1700
0041061	4 G 35	55 x 17	1344.0	2200
0041062	4 G 50	63 x 19	1920.0	3000
0041063	4 G 70	71 x 22	2688.0	4000

**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  $\leq$  30 kg and  $\leq$  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.