



ÖLFLEX® CRANE F

Weather-resistant flat rubber cables



Benefits

- Weather-resistant for harsh environmental conditions
- Flat cables need less space than round cables
- Smaller bending radii is possible

Application range

- In crane systems on building sites and shipyards for fixed installation, or for flexible use in cable trolley systems
- Sewage treatment plants, steelworks and high rack facilities
- The application profiles for ÖLFLEX® CRANE and ÖLFLEX® LIFT cables can be found in the appendix, selection table A3

Product features

- Flame-retardant according IEC 60332-1-2

Norm references / Approvals

- Based on VDE 0250 (NGFLGÖU)

Product make-up

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

Info

- For outdoor cable trolley application
- Space-saving installation
- Also suitable for power chains and lift applications

Technical data

Classification
ETIM 5.0 Class-ID: EC000825
ETIM 5.0 Class-Description: Flat 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
> 10 GOhm x cm

Conductor stranding
Copper conductor according to VDE 0295/IEC 60228
up to 25 mm²: extra-fine wire, class 6
from 35 mm²: fine wire, class 5

Minimum bending radius
Flexible use: 10 x cable thickness

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 +90°C

| Article number | Number of cores and mm ² 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 | 57.6 | 200 |
| 0041042 | 5 G 1.5 | 21.5 x 6.2 | 72.0 | 240 |
| 0041043 | 7 G 1.5 | 29.0 x 6.2 | 100.8 | 360 |
| 0041044 | 8 G 1.5 | 31.5 x 6.2 | 115.0 | 370 |
| 0041045 | 10 G 1.5 | 40.0 x 6.5 | 144.0 | 520 |
| 0041046 | 12 G 1.5 | 47.0 x 6.5 | 172.8 | 620 |
| 0041047 | 4 G 2.5 | 21.0 x 7.5 | 96.0 | 280 |
| 0041048 | 5 G 2.5 | 27.0 x 7.5 | 120.0 | 400 |
| 0041049 | 7 G 2.5 | 35.0 x 7.5 | 168.0 | 520 |
| 0041050 | 8 G 2.5 | 39.0 x 7.5 | 192.0 | 550 |
| 0041051 | 12 G 2.5 | 56.0 x 8.0 | 288.0 | 800 |
| 0041052 | 4 G 4 | 26.0 x 9.0 | 153.6 | 410 |
| 0041053 | 7 G 4 | 42.0 x 9.0 | 268.8 | 700 |
| 0041054 | 4 G 6 | 29.0 x 9.5 | 230.0 | 600 |
| 0041055 | 5 G 6 | 35.0 x 9.5 | 288.0 | 650 |
| 0041056 | 7 G 6 | 42.0 x 9.5 | 403.0 | 850 |
| 0041057 | 4 G 10 | 33.0 x 11.0 | 384.0 | 800 |
| 0041058 | 5 G 10 | 44.0 x 11.0 | 480.0 | 1000 |
| 0041059 | 4 G 16 | 38.0 x 13.0 | 614.0 | 1150 |
| 0041060 | 4 G 25 | 49.5 x 15.0 | 960.0 | 1700 |
| 0041061 | 4 G 35 | 55.0 x 17.0 | 1,344.0 | 2360 |
| 0041062 | 4 G 50 | 63.0 x 19.0 | 1,920.0 | 3000 |
| 0041063 | 4 G 70 | 71.0 x 22.0 | 2,688.0 | 4000 |

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
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® LIFT F refer to page 162

Accessories

- Cable trolley systems refer to page 971
- Flat cable wedge clamps