ÖLFLEX® CRANE PUR
Reelable polyurethane cables for low, medium and high mechanical stress

Benefits
- Designed with a smaller outer diameter to save space and weight.
- Cost-saving due to the use of smaller drums, guide rollers, as well as drive engines when possible.
- Reeling, unreeling and guiding operations also impose tensile stresses on the cables.
- The central supporting element absorbs the tensile loads that occur, thereby allowing reeling, unreeling and deflection for free-hanging cables even over large distances.
- Integrated supporting braid prevents undesirable cable twists, and the formation of so-called corkscrew effects.

Application range
- For use in hoists, transport and conveyor systems.
- Cables are reeled, unreeled, and guided by roller trains.
- In dry or damp interiors, outdoors, or not more than 2 weeks without interruption in industrial 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.

Product features
- Halogen-free and flame-retardant IEC 60332-1-2.
- Oil-resistant according to EN 60811-404.
- Good chemical, thermal and mechanical-resistance.
- For connecting mobile equipment in hazardous areas acc. to DIN VDE 0165.

Product Make-up
- Strands of bare copper wires.
- Core insulation: TPE compound.
- Central supporting element.
- Support braid integrated in the outer sheath.
- Outer sheath: PUR compound, halogen-free.

Technical data

| Classification | ETIM 5.0 Class-ID: EC000057
| 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 | Extra-fine wire according to VDE 0295, class 6 IEC 60228 class 6.
| Minimum bending radius | Flexible use: 7.5 x outer diameter.
| Nominal voltage | U~/U: 600/1000 V.
| Test voltage | 3500 V.
| Protective conductor | G = with GNxYe protective conductor
| Current rating | VDE 298 Part 4.
| Temperature range | Flexible use: -40°C to +80°C.

<table>
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<tr>
<th>Article number</th>
<th>Number of cores and mm² per conductor</th>
<th>Outer diameter (mm)</th>
<th>Tensile strength (N)</th>
<th>Copper index (kg/km)</th>
<th>Weight (kg/km)</th>
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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-standard-lengths.

Packaging size: ced ≤ 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 N5HTO refer to page 162
- ÖLFLEX® CRANE VS (N)5HTO refer to page 163

Accessories
- EASY STRIP stripping and cutting tool refer to page 1004
- KT cable shears refer to page 999

For current information see: www.lappgroup.com