



Reelable polyurethane cables for low, medium and high mechanical stress

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

- Multifunctional application possibilities
- Lightweight due to minimised diameters
- Halogen-free

SUITABLE FOR OUTDOOR USE	GOOD CHEMICAL RESISTANCE	HALOGEN FREE	COLD RESISTANT	MECHANICAL RESISTANCE	LOW WEIGHT	OIL RESISTANT	OPTIMUM STRAIN RELIEF	SPACE REQUIREMENT	POWER CHAIN	UV RESISTANT



Product description

Application range

- For use in hoists, transport and conveyor systems
- Cables are reeled, unreeling, 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(R) 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(R) LIFT cables please see the catalogue appendix, technical table T5

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

Product Make-up

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

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

Technical Data

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
Classification	ETIM 5.0 Class-ID: EC000057 ETIM 5.0 Class-Description: Low voltage power cable
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 ₀ /U: 600/1000 V
Test voltage	3500 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Current rating	VDE 298 Part 4
Temperature range	Flexible use: -40°C Max. cond. temperature: +80°C