



Reelable cables for medium to high mechanical stress

The central supporting element absorbs the tensile loads that occur, thereby allowing reeling, unreeling and deflection for free-hanging cables even over large distances; Reeling, unreeling and guiding operations also impose tensile stresses on the cables; Integrated supporting braid prevents undesirable cable twists, and the formation of so-called corkscrew effects

- Reinforced outer sheath design
- Central and tear-resistant supporting element
- Suitable for extreme tensile stress



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

- The central supporting element absorbs the tensile loads that occur, thereby allowing reeling, unreeling and deflection for free-hanging cables even over large distances.
- Reeling, unreeling and guiding operations also impose tensile stresses on the cables
- Integrated supporting braid prevents undesirable cable twists, and the formation of so-called corkscrew effects

Product Make-up

- Strands of tinned-copper wires
- Core insulation: rubber compound type 3GI3
- Central supporting element
- Support braid integrated in the outer sheath
- Outer sheath: rubber compound, type 5GM5

Norm references / Approvals

- Based on VDE 0250-814 (NSHTÖU)

Product features

- Flame-retardant according 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	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius	Flexible use: 7.5 x outer diameter
Nominal voltage	U ₀ /U: 600/1000 V
Test voltage	3000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Current rating	VDE 298 Part 4
Temperature range	-25°C to +80°C