


0027506	DATA SHEET	
valid from: 01.01.2019	ÖLFLEX® LIFT T	

Application

ÖLFLEX® LIFT cables are high-flexible PVC insulated Control cable with supporting element and cold-flexible PVC jacket for use in Elevators and conveyer systems. These cables are VDE certified. They are intended for use in dry, damp or wet rooms as well as outdoors but only under consideration of the temperature range. ÖLFLEX® LIFT cables are generally resistant against acids and caustics solution at room temperature.

Application range:

As Lift cable that ensures the electrical integrity in various areas of lift construction, suitable for use in outdoor lifts

Design

Design	based on EN 50525-2-51 resp. VDE 0285-525-2-51 / HD 21.13 S1 + A1 resp. VDE 0281-13
Certification	◁ VDE-REG 7040 ▷
Conductor	extra fine wire strands of bare copper, acc. to IEC 60228 resp. VDE 0295, Class 6
Insulation	PVC compound T12 acc. to EN 50363-3 resp. VDE 0207-363-3
Core identification code	acc. to VDE 0293-1, with GN /YE ground conductor black cores with white numbers acc. to DIN EN 50334 resp. VDE 0293-334
Stranding	cores stranded around a supporting element made of natural or synthetic fiber. Max. suspension length:

Article number	Number of cores and mm ² per conductor	Max. suspension length (m)
0027506	12 G 0,75	110
0027507	18 G 0,75	110
0027508	24 G 0,75	80
0027001	7 G 1,0	80
0027002	12 G 1,0	80
0027008	18 G 1,0	70
0027004	20 G 1,0	70
0027005	24 G 1,0	60
0027007	36 G 1,0	90
0027006	28 G 1,0 + 2 x (0,5) C	90

Support braid	vlies tape over core assembly
Outer sheath	PVC special compound acc. to EN 50363-4-1 resp. VDE 0207-363-4-1 colour: black, similar RAL 9005

Electrical properties at 20°C

Rated voltage	U ₀ / U: 300 / 500 V
Test voltage	4000 V AC

Mechanical and thermal properties

Minimum bending radius	occasional flexing: 20 x outer diameter
Temperature range	occasional flexing: -15 °C up to +70 °C max. conductor temp
Flammability	flame retardant in acc. with IEC 60332-1-2 resp. VDE 0482-332-1-2
Tests	acc. to IEC 60811, EN 50395, EN 50396
General requirements	These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive)

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