

Suitable for use in ambient temperatures between -50°C up to +350° C

Product Description

Low conductor resistance thanks to nickel-plated copper conductors



Application range

- Wide ambient temperature range offers a number of applications all around Thermal Class C range
- Blast furnaces and glass works
- Chemical and power station construction
- Motor and oven construction
- Lighting, apparatus and instrument industry

Benefits

- Low conductor resistance thanks to nickel-plated copper conductors

Design

- Fine strands of nickel-plated copper wires
- Core insulation: Glass fibre covering (starting at 16mm² additional mica wrapping) and impregnated fibre glass braid, core colour white (natural)

Product features

- Flame retardant according to IEC 60332-1-2
- Only suitable for installation in dry conditions
- For peak temperatures temporarily over 350°C we recommend ÖLFLEX® HEAT 1565



Technical Data

Core identification code

Natural coloured

Specific insulation resistance

> 20 GOhm x cm

Conductor stranding

Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5

Minimum bending radius

Fixed installation : 5 x cable diameter

Rated voltage

U0/U 230/400 V

Test voltage

1500 V

Range of temperature

Fixed installation: -50°C up to +350°C (adequate ventilation provided)

Article List

Part number	Conductor cross section in mm ²	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® HEAT 350 SC				
0091350	0,5	2,5	4.8	13.0
0091351	0,75	3.0	7.2	15.0
0091352	1	3,4	9.6	17.0
0091353	1,5	3,5	14.4	23.0
0091354	2,5	3,7	24.0	34.0
0091355	4	4,2	38.4	54.0
0091356	6	6,2	57.6	84.0
0091357	10	8.0	96.0	120.0
0091358	16	7,3	153.6	199.0
0091359	25	9,5	240.0	300.0
0091360	35	10,9	336.0	399.0
0091361	50	13,2	480.0	540.0

Footnote:

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (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.