

Suitable for use in ambient temperatures between -195°C up to +400° C

Product Description

Low conductor resistance thanks to nickel-plated copper conductors; Withstands temporary contact with molten metal or glass



Application range

- Maintenance of circuit even in areas with extremely high ambient temperatures
- Blast furnaces and cokery plants
- Refineries
- Glassworks
- Aluminium and steelworks

Benefits

- Low conductor resistance thanks to nickel-plated copper conductors
- Withstands temporary contact with molten metal or glass

Design

- Fine strands of nickel-plated copper wires
- Mica tape wrapping
- Impregnated glass fibre braiding, colour red

Product features

- Flame retardant
- Only suitable for installation in dry conditions



Technical Data

Core identification code

red

Conductor stranding

Fine copper wire strands

Minimum bending radius

Fixed installation : 5 x cable diameter

Rated voltage

U0/U 300/500 V

Test voltage

2200 V

Range of temperature

-195°C up to +400 °C (adequate ventilation provided)

Temporary loadable up to +1565°C

Article List

Part number	Conductor cross section in mm ²	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® HEAT SC 1565				
3020780	0,75	2,9	7.2	15.9
3020781	1	3.0	9.6	18.8
3013234	1,5	3,3	14.4	24.3
3020782	2,5	3,8	24.0	35.0
3018942	4	4,8	38.4	56.0
3020783	6	5,6	57.6	86.4
3016697	10	6,2	96.0	123.0
3016698	16	7,9	153.6	202.5
3016699	25	9,2	240.0	295.1
3016771	35	10,6	336.0	403.9
3017861	50	12,2	480.0	545.0

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, 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.