

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 and impregnated glass fibre braiding
- Cores twisted together
- Outer sheath of MICA tape wrapping and impregnated fibre glass braid, colour red

Product features

- Flame retardant
- Only suitable for installation in dry conditions



Technical Data

Core identification code

Two cored cable: black, blue
4-cored cable: black, blue, yellow, brown

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 | Number of cores and mm ² per conductor | Outer diameter in mm | Copper index kg/km | Weight kg/km |
|----------------------|---|----------------------|--------------------|--------------|
| ÖLFLEX® HEAT 1565 MC | | | | |
| 30020808 | 2 x 0,5 | 7.0 | 9.6 | 48 |
| 30020809 | 2 x 0,75 | 7,4 | 14.4 | 66 |
| 30016609 | 2 x 1 | 7,7 | 19.2 | 74 |
| 30016603 | 2 x 1,5 | 8,2 | 28.8 | 87 |
| 30020810 | 2 x 2,5 | 9,7 | 48.0 | 114 |
| 30020811 | 2 x 4 | 11,2 | 76.8 | 161 |
| 30016606 | 4 x 1 | 8,9 | 38.4 | 123 |
| 30016600 | 4 x 1,5 | 9,5 | 57.6 | 148 |

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.