

Expanded ambient temperatures • Glass fibre cables (above +260°C)



## ÖLFLEX® HEAT 1565 MC

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



**Info**

- Short-term: up to +1565 °C
- For use in dry conditions

### Benefits

- Low conductor-resistance due to the nickel-plated copper conductors
- Able to withstand temporary contact with molten metal or glass

### Application range

- Guarantees the circuit even in areas with extremely high ambient temperatures
- Blast furnaces and coking plants
- Refineries
- Glassworks
- Aluminium and steelworks

### Product features

- Flame-retardant
- Halogen-free
- Only suitable for use in dry conditions

### Product Make-up

- Fine-wire strand made of nickel-plated copper
- MICA tape wrapping and impregnated glass fibre braiding
- Cores twisted together
- Outer sheath: MICA tape-wrapping, impregnated glass fibre braiding, red

### Technical data

- Classification**  
ETIM 5.0 Class-ID: EC001578  
ETIM 5.0 Class-Description: Flexible cable
- Core identification code**  
2-core cable: blue, brown  
4-core cable: black, blue, yellow, red
- Conductor stranding**  
Fine copper wire strands
- Minimum bending radius**  
Fixed installation: 5 x cable diameter
- Nominal voltage**  
U<sub>0</sub>/U: 300/500 V
- Test voltage**  
2200 V
- Temperature range**  
-195°C to +400°C  
(adequate ventilation required)  
Short-term: up to +1565 °C

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® HEAT 1565 MC</b>				
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	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

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.  
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.  
Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)  
Packaging size: Coil ≤ 30 kg, otherwise drum  
Please specify the preferred type of packaging (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.

### Accessories

- SILVYN® SSUE refer to page 908