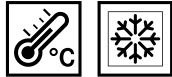


Expanded ambient temperatures

Glass fibre single cores (above +260 °C)



# ÖLFLEX® HEAT 1565 SC

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
- Only suitable for use in dry conditions

**Product make-up**

- Fine-wire strand made of nickel-plated copper
- Mica tape wrapping
- Impregnated glass fibre braiding, core colour: red

**Technical data**

- Classification**  
ETIM 5.0 Class-ID: EC000993  
ETIM 5.0 Class-Description: Single core cable
- Core identification code**  
red
- Conductor stranding**  
Fine copper wire strands
- Minimum bending radius**  
Fixed installation: 5 x outer 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	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
<b>ÖLFLEX® HEAT SC 1565</b>				
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

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.  
 Copper price basis: EUR 150/100kg. 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**

- STAR STRIP stripping tool refer to page 910
- KS 15 cable shears refer to page 908

ÖLFLEX®  
 UNITRONIC®  
 ETHERLINE®  
 HITRONIC®  
 EPIC®  
 SKINTOP®  
 SILVYN®  
 FLEXIMARK®  
 ACCESSORIES  
 APPENDIX