

## ÖLFLEX® HEAT 1565 SC

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

ÖLFLEX® HEAT 1565 SC - Glass fibre insulated single core for use in blast furnaces, glassworks, motor construction etc. at ambient temperatures up to +400°C (short term +1565°C)

### Info

Short-term: up to +1565 °C

For use in dry conditions



Temperature-resistant



Halogen-free



Cold-resistant

### 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

## ÖLFLEX® HEAT 1565 SC

### 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:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000993 ETIM 6.0 Class-Description: Single core cable
Conductor stranding:	Fine copper wire strands
Minimum bending radius:	Fixed installation: 5 x outer diameter
Nominal voltage:	U0/U: 300/500 V
Test voltage:	2200 V
Temperature range:	-195 °C to +400 °C Short-term: up to +1565 °C

### Note

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 and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

**ÖLFLEX® HEAT 1565 SC**

Article number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® HEAT SC 1565				
3020780	0.75	2.9	7.2	15.9
3020781	1.0	3	9.6	18.8
3013234	1.5	3.3	14.4	24.3
3020782	2.5	3.8	24	35
3018942	4.0	4.8	38.4	56
3020783	6.0	5.6	57.6	86.4
3016697	10.0	6.2	96	123
3016698	16.0	7.9	153.6	202.5
3016699	25.0	9.2	240	295.1
3016771	35.0	10.6	336	403.9
3017861	50.0	12.2	480	545

Last Update (03.08.2018)

©2018 Lapp Group - Technical changes reserved

Product Management [www.lappkabel.de](http://www.lappkabel.de)You can find the current technical data in the corresponding data sheet.  
PN 0456 / 02\_03\_16