

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



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
(adequate ventilation required)
Short-term: up to +1565 °C

Article number	Conductor cross-section (mm ²)	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	3.0	9.6	18.8
3013234	1.5	3.3	14.4	24.3
3020782	2.5	3.8	24	35
3018942	4	4.8	38.4	56
3020783	6	5.6	57.6	86.4
3016697	10	6.2	96	123
3016698	16	7.9	153.6	202.5
3016699	25	9.2	240	295.1
3016771	35	10.6	336	403.9
3017861	50	12.2	480	545

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
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
- STAR STRIP stripping tool refer to page 1000
- KS 15 cable shears