

## ÖLFLEX® HEAT 350 SC

Suitable for use in ambient temperature from -50 °C to +350 °C

ÖLFLEX® HEAT 350 SC - Glass fibre insulated single core for use in blast furnaces, glassworks, motor construction etc. at ambient temperatures up to +350°C

### Info

For use in dry conditions



Halogen-free



Cold-resistant



Temperature-resistant

### Benefits

Low conductor-resistance due to the nickel-plated copper conductors

### Application range

Wide operating temperature range allows the product to be used in applications under Thermal Class C (>180°C).

Blast furnaces and glassworks

Chemical and power station construction

Motor and furnace construction

Lighting, apparatus and instrument industry

### Product features

Flame-retardant

Halogen-free

Only suitable for use in dry conditions

ÖLFLEX® HEAT 650 SC and ÖLFLEX® HEAT 1565 SC are recommended if the peak temperature of the application may go

## ÖLFLEX® HEAT 350 SC

beyond +350 °C

### Product Make-up

Fine-wire strand made of nickel-plated copper  
Core insulation: glass fibre covering and impregnated glass fibre braids  
Core insulation from 16 mm<sup>2</sup>:  
mica wrapping and impregnated glass fibre braid  
Colour of core insulation: white

### 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 wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:	Fixed installation: 5 x outer diameter
Nominal voltage:	U0/U 230/400 V
Test voltage:	1500 V
Temperature range:	Fixed installation: -50 °C to +350 °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 350 SC**

Article number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® HEAT 350 SC				
0091350	0.5	2.5	4.8	13
0091351	0.75	3	7.2	15
0091352	1.0	3.4	9.6	17
0091353	1.5	3.5	14.4	23
0091354	2.5	3.7	24	34
0091355	4.0	4.2	38.4	54
0091356	6.0	6.2	57.6	84
0091357	10.0	7.3	96	120
0091358	16.0	8	153.6	199
0091359	25.0	9.5	240	300
0091360	35.0	10.9	336	399
0091361	50.0	13.2	480	540

Last Update (01.05.2025)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)You can find the current technical data in the corresponding data sheet.  
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