



## ÖLFLEX® HEAT 350 SC

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

**i Info**

- For use in dry conditions

### 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 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 5.0 Class-ID: EC000993  
ETIM 5.0 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**  
U<sub>0</sub>/U: 300/500 V
- Test voltage**  
1500 V
- Temperature range**  
Fixed installation: -50°C to +350°C (adequate ventilation required)

| Article number             | Conductor cross-section (mm <sup>2</sup> ) | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|----------------------------|--|---------------------|----------------------|----------------|
| <b>ÖLFLEX® HEAT 350 SC</b> |  |                     |                      |                |
| 0091350                    | 0.5  | 2.5                 | 4.8                  | 13             |
| 0091351                    | 0.75                                       | 3.0                 | 7.2                  | 15             |
| 0091352                    | 1  | 3.4                 | 9.6                  | 17             |
| 0091353                    | 1.5  | 3.5                 | 14.4                 | 23             |
| 0091354                    | 2.5  | 3.7                 | 24                   | 34             |
| 0091355                    | 4  | 4.2                 | 38.4                 | 54             |
| 0091356                    | 6  | 6.2                 | 57.6                 | 84             |
| 0091357                    | 10   | 7.3                 | 96                   | 120            |
| 0091358                    | 16   | 8.0                 | 153.6                | 199            |
| 0091359                    | 25   | 9.5                 | 240                  | 300            |
| 0091360                    | 35   | 10.9                | 336                  | 399            |
| 0091361                    | 50   | 13.2                | 480                  | 540            |

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.

### Similar products

- ÖLFLEX® HEAT 650 SC refer to page 199
- ÖLFLEX® HEAT 1565 SC refer to page 198

### Accessories

- SILVYN® SSUE refer to page 908
- BULLI cable shears refer to page 998
- SMART STRIP stripping tool