

## ÖLFLEX® HEAT 650 SC

Suitable for use in ambient temperature from -50°C to +700°C

ÖLFLEX® HEAT 650 SC - Glass fibre insulated single core for use in blast furnaces, glassworks, motor construction etc. at ambient temperatures up to +650°C

### Info

For use in dry conditions



Halogen-free



Cold-resistant



Temperature-resistant

### Benefits

Suitable for areas where the installation temperature and ambient temperature is very high

Good electrical conductivity due to nickel strand also at high temperatures

### Application range

Heating modules, electric heating devices, heat lockers

Furnaces, electric ranges, night storage heater

Heavy industry, iron and steel works, foundries, glass and ceramic processing, chemical industries

Machinery, apparatus and power plant construction

### Product features

Flame-retardant

Halogen-free

Only suitable for use in dry conditions

ÖLFLEX® HEAT 1565 SC is recommended if the peak temperature of the application may briefly go beyond 700°C

## ÖLFLEX® HEAT 650 SC

### Product Make-up

Strand made of nickel

Core insulation: glass fibre covering and impregnated glass fibre braids

### Technical Data

|                         |  |
|-------------------------|--|
| Classification ETIM 5:  | ETIM 5.0 Class-ID: EC000993<br>ETIM 5.0 Class-Description: Single core cable |
| Classification ETIM 6:  | ETIM 6.0 Class-ID: EC000993<br>ETIM 6.0 Class-Description: Single core cable |
| Conductor stranding:    | Fine wire<br>see data sheet  |
| Minimum bending radius: | Fixed installation: 5 x outer diameter                                       |
| Nominal voltage:        | U0/U: 300/500 V  |
| Test voltage:           | 1800 V   |
| Temperature range:      | Occasional flexing: -50°C to +650°C<br>Fixed installation: -50°C to +700°C   |

### Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

No copper surcharge.

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.

| Article number | Conductor cross-section (mm <sup>2</sup> ) | Outer diameter [mm] | Ni-index (kg/km) |
|----------------|--|---------------------|------------------|
| 1232650        | 0.5  | 2.4                 | 4.8              |
| 1232651        | 0.75                                       | 2.5                 | 7.6              |
| 1232652        | 1.0  | 2.9                 | 9.7              |
| 1232653        | 1.5  | 3                   | 14.8             |
| 1232654        | 2.5  | 3.5                 | 23.5             |
| 1232655        | 4.0  | 3.9                 | 38.6             |
| 1232656        | 6.0  | 4.6                 | 57.9             |
| 1232657        | 10.0                                       | 7.8                 | 96.5             |
| 1232658        | 16.0                                       | 8.2                 | 152              |
| 1232659        | 25.0                                       | 9.8                 | 236.4            |
| 1232660        | 35.0                                       | 10.6                | 332.8            |
| 1232661        | 50.0                                       | 11.2                | 481.1            |

Last Update (16.02.2021)  
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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.  
 PN 0456 / 02\_03\_16

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