



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

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



Product description

Application range

- Wide operating temperature range allows the product to be used in applications under Thermal Class C.
- Blast furnaces and glassworks
- Chemical and power station construction
- Motor and furnace construction
- Lighting, apparatus and instrument industry

Benefits

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

Product Make-up

- Fine-wire strand made of nickel-plated copper
- Core insulation: glass fibre covering

(additional mica wrapping from 16 mm²)
and impregnated glass fibre braid,
core colour = white (natural)

Product features

- Flame-retardant according IEC 60332-1-2
- Only suitable for use in dry conditions
- ÖLFLEX® HEAT 1565 is recommended if the peak temperature of the application may briefly go beyond 350°C

Technical Data

Core identification code
Classification

Conductor stranding

Minimum bending radius

Nominal voltage

Test voltage

Temperature range

Natural colour

ETIM 5.0 Class-ID: EC000993

ETIM 5.0 Class-Description: Single core cable

Fine wire according to VDE 0295 Class 5/ IEC 60228
Class 5

Fixed installation: 5 x outer diameter

U₀/U: 300/500 V

1500 V

Fixed installation: -50°C to +350°C
(adequate ventilation required)