



## ÖLFLEX® HEAT 180 SiF

DB0047000

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**Application**

ÖLFLEX® HEAT 180 SiF are silicone-single cores designed for use at high ambient temperatures under adequate ventilation and low mechanical stress. They are resistant against oil, alcohol, acids, caustic solutions, salt solution and salt water at room temperature. The combustion gases are halogen-free and non-corrosive.

**Design**

Conductor	fine strands of tinned copper wires, acc. to EN 60228 or VDE 0295, class 5
Insulation	silicone compound EI2 acc. to VDE 0207-363-1 Available core colours:: GN-YE / BK / BU / BN / BG / YE / GN / VT / PK / OG / RD / WH / GR

**Electrical properties at 20°**

Insulation resistance	> 200 GΩ x cm
Rated voltage	300/500 V
Test voltage	2000 V

**Mechanical and thermal properties**

Bending radius	fixed installation: 6 x core Ø One bend at end of core: 3 x core Ø
Temperature range	fixed installation: -50 °C bis +180 °C (adequate ventilation provided) temporary: +200 °C
Flammability	flame retardant in acc. with IEC 60332-1-2
Halogen free	in acc. with IEC 60754-1
Corrosivity of gases	in acc. with IEC 60754-2
EC directive	This cable is conform to the EC-Directives 2006/95/EC (Low Voltage Directive) and 2002/95/EC (RoHS, Restriction of the use of certain hazardous substances).