ÖLFLEX® HEAT 180 SiHF

Silicone cables with extended temperature range

Flexibility simplifies installation where space is limited; Possesses insulating properties after combustion due to remaining SiO2 ash on the conductor

- The classic for multi-functional use

CE

RoHS

Product description

Application range

- Areas with high ambient temperatures where insulating and sheath materials of conventional cables will embrittle after a short while
- Typical fields of application
  - Steel, ceramic and iron works
  - Bakery equipment and industrial furnaces
  - Electric motor industry
  - Sauna/solarium construction
  - Thermal and heating elements
  - Lighting technology
  - Ventilator engineering
  - Air-conditioning technology
  - Galvanisation technology

Benefits

- Flexibility simplifies installation where space is limited
- Possesses insulating properties after combustion due to remaining SiO2 ash on the conductor

Product Make-up

- Fine-wire, tinned-copper conductor
- Silicone-based core insulation
- Cores twisted in layers
- Silicone-based outer sheath,
  colour red-brown

Product features

- Halogen-free and flame-retardant
  (IEC 60332-1-2)
- Resistant to a multitude of oils, alcohols, vegetable and animal fats and chemical substances

Technical Data

Core identification code	Colours according to VDE 0293-308, refer to Appendix T9 From 6 cores: black with white numbers
Classification	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Conductor stranding	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius	Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	U_0/U: 300/500 V
Test voltage	2000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	-50 °C to +180 °C (adequate ventilation required)