ÖLFLEX® HEAT 260 SC

For use in the most extreme conditions

Small outer diameters for maximum saving of space and weight; Resistant to contact with mostly all highly aggressive chemical media; Stress crack resistant to frequent ambient temperature fluctuations

- Excellent chemical, thermal andelectrical performance
- Space and weight-saving
- PTFE= Polytetrafluoroethylene

CE RoHS

Product description

Application range

- Conventional cables are not designed for use in environments with very high operating temperatures, heavy usage of chemical agents, or tight spaces
- Typical fields of application
  - Aerospace engineering
  - High-frequency engineering
  - Control cabinets with high heat generation
  - Measuring instruments
  - Furnaces and brickworks
  - Heating equipment and kitchen appliances
  - Electric motor building

- Installations in the chemical industry

Benefits

- Small outer diameters for maximum saving of space and weight
- Resistant to contact with mostly all highly aggressive chemical media
- Stress crack resistant to frequent ambient temperature fluctuations

Product Make-up

- Silver-plated AWG copper conductor
- PTFE core insulation

Product features

- ÖLFLEX® HEAT 260 made of PTFE
  - Outstanding resistance against acids, alkalis, solvents, lacquers, petrol, oils and many other chemical media
  - Difficult to inflame
  - High dielectric strength and high abrasion resistance
  - Low water absorption
  - Resistant to microbes
  - Adhesion-free insulation materials
  - Weather and ozone resistant
  - Hydrophobic and dirt-repellent
  - High elongation and tear resistance
  - Resists contact with liquid nitrogen
  - Resistant against hydraulic fluids
- Silver plated copper is characterized by good surface conductivity (skin effect) and good solderability

Technical Data

Classification	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Conductor stranding	AWG conductor sizes: 7, 19 or 37 wires
Minimum bending radius	Fixed installation: 4 x outer diameter
Nominal voltage	U_0/U: 300/500 V
Test voltage	3400 V
Temperature range	Fixed installation: -190°C to +260°C