## ÖLFLEX® HEAT 260 MC
Polytetrafluoroethylene cables for the most extreme loads

### Info
- Excellent chemical, thermal and electrical properties
- Thin, light and robust

### Benefits
- Space-saving due to small cable diameters
- Stress crack resistant in case of frequent ambient temperature fluctuations
- Suitable for sensor technology due to good electrical and mechanical properties
- Low outgassing behaviour

### Application range
- Conventional cables cannot be used in industrial environments with very high temperatures, aggressive chemical media and limited space
- ÖLFLEX® HEAT 260 has proven itself to be an effective solution in harsh environments such as painting facilities
- Typical fields of application:
  - Industrial furnace construction
  - Foundries
  - Power plant engineering
  - Painting plant technology
  - Heating elements
  - Plastic processing
  - Wind turbine engineering
- Sensor systems, e.g. fill level sensors

### Product features
- ÖLFLEX® HEAT 260 made of PTFE
  - Outstanding resistance against acids, alkalis, solvents, lacquers, petrol, oils and many other chemical media
  - Flame-retardant
  - High dielectric strength and abrasion-resistance
  - Low water absorption
  - Resistant to microbes
  - Adhesion-free insulation materials
  - Weather- and ozone-resistant
  - Hydrophobic and dirt-repellent
  - High elongation capacity and tear resistance
  - Withstands contact with liquid nitrogen
  - Resistant against hydraulic fluids
  - Flame-retardant according to IEC 60332-1-2

### Design
- Fine-wire strand made of nickel-plated copper
- PTFE-based core insulation
- Cores twisted together
- PTFE-based outer sheath, black

### Technical data

#### Classification
- ETIM 5.0 Class-ID: EC001578
- ETIM 5.0 Class-Description: Flexible cable

#### Core identification code
- Coloured according to VDE 0293-308, see appendix T9

#### Conductor design
- 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
- U0/U: 300/500 V

#### Test voltage
- 2500 V

#### Protective conductor
- G = with GN-YE protective conductor
- X = without protective conductor

#### Temperature range
- Fixed installation: -190°C to +260°C
- Short term: +300°C

### Article number

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<th>Article number</th>
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<th>Copper index (kg/km)</th>
<th>Weight (kg/km)</th>
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Unless otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they available and have been released for publication.

Copper price basis: EUR 150/100 kg; see catalogue appendix T17 for the application and definition of “Metal price basis” and “Metal index”

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging:
- Ring ≤ 30 kg or ≤ 250 m, otherwise drum
- Please specify the preferred packaging (e.g. 1 x 500 m drum or 5 x 100 m rings)

Photographs are not to scale and do not represent detailed images of the respective products.

### Similar products
- ÖLFLEX® HEAT 205 MC refer to page [P156]

### Accessories
- SILVYN® HIPROJACKET refer to page [P125167]
- SILVYN® SSUE refer to page [P12259]
- EASY STRIP stripping and cutting tool refer to page [P1256]
- STAR STRIP stripping tool refer to page [P1259]