



## ÖLFLEX® HEAT 260 MC

Polytetrafluoroethylene cables for most extreme loads



**Info**

- Excellent chemical, thermal and electrical performance
- Thin, light and robust

### Benefits

- Space-saving installation due to small cable diameters
- Stress crack resistant to frequent ambient temperature fluctuations
- Due to good electrical and mechanical properties suitable for sensor technology
- Low outgassing behaviour

### Application range

- For use in environments with very high operating temperatures, heavy usage of chemical agents or confined spaces
- ÖLFLEX® HEAT 260 has proven to be an effective solution in harsh environments such as paint shop lines
- Typical fields of application
  - Industrial furnace construction
  - Foundries
  - Chemical industry
  - Power plant engineering
  - Paint shop line technology
  - Heating elements
  - Polymer processing
  - Wind turbine engineering
- Sensor systems, e.g. level sensors

### 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
- Flame retardant acc. to IEC 60332-1-2

### Product Make-up

- 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**  
 Colours according to VDE 0293-308, refer to Appendix T9

**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<sub>0</sub>/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: up to +300°C

| Article number             | Number of cores and mm <sup>2</sup> per conductor | Outer diameter (mm) | Copper index (kg/km) | Weight (kg/km) |
|----------------------------|---|---------------------|----------------------|----------------|
| <b>ÖLFLEX® HEAT 260 MC</b> |   |                     |                      |                |
| 0091300                    | 2 X 0.5   | 3.9                 | 9.6                  | 22             |
| 0091301                    | 3 G 0.5   | 4.1                 | 14.4                 | 33             |
| 0091302                    | 4 G 0.5   | 4.5                 | 19.2                 | 45             |
| 0091305                    | 2 X 0.75  | 4.2                 | 14.4                 | 32             |
| 0091306                    | 3 G 0.75  | 4.4                 | 21.6                 | 47             |
| 0091307                    | 4 G 0.75  | 5.1                 | 28.8                 | 58             |
| 0091310                    | 2 X 1   | 4.8                 | 19.2                 | 42             |
| 0091311                    | 3 G 1   | 5.1                 | 28.8                 | 56             |
| 0091312                    | 4 G 1   | 5.8                 | 38.4                 | 71             |
| 0091315                    | 3 G 1.5   | 5.6                 | 43.2                 | 72             |
| 0091316                    | 4 G 1.5   | 6.1                 | 57.6                 | 98             |
| 0091317                    | 5 G 1.5   | 7.0                 | 72                   | 118            |
| 0091320                    | 3 G 2.5   | 7.1                 | 72                   | 87             |
| 0091321                    | 4 G 2.5   | 7.7                 | 96                   | 116            |
| 0091322                    | 5 G 2.5   | 8.5                 | 120                  | 145            |

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.  
 Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.  
 Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)  
 Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum  
 Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).  
 Photographs are not to scale and do not represent detailed images of the respective products.

### Similar products

- ÖLFLEX® HEAT 205 MC refer to page 183

### Accessories

- SILVYN® HIPROJACKET refer to page 914
- SILVYN® SSUE refer to page 908
- EASY STRIP stripping and cutting tool refer to page 1004
- STAR STRIP stripping tool refer to page 1000