

## ÖLFLEX® HEAT 260 MC

Polytetrafluoroethylene cables for most extreme loads

ÖLFLEX® HEAT 260 MC - PTFE power cable, robust, chemical resistant and space-saving, for use in machine and plant construction at temperatures: -190°C to +260°C

### Info

Excellent chemical, thermal and electrical performance

Thin, light and robust



Suitable for outdoor use



Good chemical resistance



Flame-retardant



Cold-resistant



Low weight



Oil-resistant



Acid-resistant



Temperature-resistant

Last Update (09.12.2022)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

PN 0456 / 02\_03.16

# ÖLFLEX® HEAT 260 MC



UV-resistant

## 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

## 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:

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

Classification ETIM 6:

ETIM 6.0 Class-ID: EC001578  
ETIM 6.0 Class-Description: Flexible cable

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## ÖLFLEX® HEAT 260 MC

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:	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: up to +300 °C

### Note

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  $\leq$  30 kg or  $\leq$  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 and graphics are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

**ÖLFLEX® HEAT 260 MC**

Article number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
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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 1.0	4.8	19.2	42
0091311	3 G 1.0	5.1	28.8	56
0091312	4 G 1.0	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	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

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