


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
<b>ÖLFLEX® HEAT 260 MC</b>		05.11.2015

Polytetrafluoroethylene cables for most extreme loads  
 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



Suitable for outdoor use



Good chemical resistance



Flame-retardant



Cold-resistant



Low weight



Oil-resistant



Acid-resistant



Temperature-resistant



UV-resistant

### Info

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

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### 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 Make-up

Fine-wire strand made of nickel-plated copper

PTFE-based core insulation

Cores twisted together

PTFE-based outer sheath, black

### 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

### Remark

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.

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### Technical Data

Core identification code:	Colours according to VDE 0293-308, refer to Appendix T9
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 <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

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Part 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	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	72.0	118
0091320	3 G 2,5	7,1	72.0	87
0091321	4 G 2,5	7,7	96.0	116
0091322	5 G 2,5	8,5	120.0	145