


U.I. Lapp GmbH	<b>PRODUCT INFORMATION</b>	
	<b>ÖLFLEX® HEAT 260 MC</b>	<b>12.09.2012</b>

Polytetrafluoroethylene cables for most extreme loads  
 Space-saving installation due to small cable diameters  
 Stress crack resistant to frequent ambient temperature fluctuations  
 Resistant to contact with mostly all highly aggressive chemical media  
 Low outgassing behaviour  
 Copper braiding of screened version complies with EMC requirements and protects against electromagnetic interference



### Info

Excellent chemical, thermal and electrical performance

### Application range

Conventional cables are not designed for use in environments with very high operating temperatures, heavy usage of chemical agents, or tight 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

### Design

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 synthetic hydraulic fluids

### Remark

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100kg. Refer to 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
Specific insulation resistance:	> 1 TΩm x cm
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)
ÖLFLEX® HEAT 260 MC - unscreened			
0091300	2 X 0,5	3,9	9.6
0091301	3 G 0,5	4,1	14.4
0091302	4 G 0,5	4,5	19.2
0091305	2 X 0,75	4,2	14.4
0091306	3 G 0,75	4,4	21.6
0091307	4 G 0,75	5,1	28.8
0091310	2 X 1	4,8	19.2
0091311	3 G 1	5,1	28.8
0091312	4 G 1	5,8	38.4
0091315	3 G 1,5	5,6	43.2
0091316	4 G 1,5	6,1	57.6
0091317	5 G 1,5	7.0	72.0
0091320	3 G 2,5	7,1	72.0
0091321	4 G 2,5	7,7	96.0
0091322	5 G 2,5	8,5	120.0

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