


U.I. Lapp GmbH	PRODUCT INFORMATION	
	ÖLFLEX® HEAT 260 MC	12.09.2012

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

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 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 ₀ /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 ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® HEAT 260 MC - unscreened				
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