

ÖLFLEX® HEAT 260 C MC

Copper-screened polytetrafluoroethylene cables for most extreme loads

ÖLFLEX® HEAT 260 C MC - shielded PTFE power cable, robust, chemical resistant and space-saving, suitable for expanded temperatures from -190°C up to +260°C

Info

Excellent chemical, thermal and electrical performance
Thin, light and robust
EMC compliant copper screening



Suitable for outdoor use



Good chemical resistance



Flame-retardant



Cold-resistant



Low weight



Oil-resistant



Acid-resistant



Interference signals

Last Update (24.04.2024)

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Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

ÖLFLEX® HEAT 260 C MC



Temperature-resistant



UV-resistant

Benefits

Space and weight-saving installations 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
Due to good electrical and mechanical properties suitable for sensor technology

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

Copper braiding of screened version complies with EMC requirements and protects against electromagnetic interference

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
Special wrapping
Nickel-plated copper braiding
PTFE-based outer sheath, black

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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
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:	C/C: 2500 V C/S: 2000 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.

Please find our standard lengths at: 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 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.

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Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
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0091330	3 G 0.75	5.5	46	75
0091331	4 G 0.75	5.9	51	87
0091332	3 G 1.0	5.8	48	81
0091333	4 G 1.0	6.4	65	104
0091334	3 G 1.5	6.3	65	101
0091335	4 G 1.5	7.2	86	134
0091336	5 G 1.5	7.8	105	162
0091337	3 G 2.5	7.9	114	160
0091338	4 G 2.5	8.7	140	204
0091339	5 G 2.5	9.4	209	270

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