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



- UV-resistant
- Temperature-resistant
- Acid-resistant
- Oil-resistant
- Low weight
- Good chemical resistance
- Suitable for outdoor use
- Flame-retardant

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Cold-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 acc. to IEC 60332-1-2

Product Make-up

Fine-wire strand made of nickel-plated copper
PTFE-based core insulation
Cores twisted together
PTFE-based outer sheath, black

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Technical Data

Classification:	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 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:	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
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.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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PRODUCT INFORMATION

Article number	Number of cores and mm² 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	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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