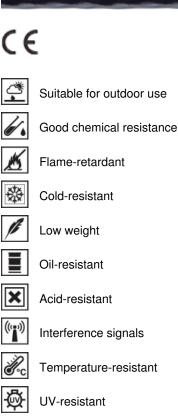


ÖLFLEX® HEAT 260 C MC

Copper-screened polytetrafluoroethylene cables for most extreme loads 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



Info

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

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

ÖLFLEX® HEAT 260 C MC

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

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 acc. to IEC 60332-1-2

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 U₀/U: 300/500 V Nominal voltage: Test voltage: C/C: 2500 V C/S: 2000 V G = with GN-YE protective conductor Protective conductor: X = without protective conductor Fixed installation: Temperature range: -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 \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.

Part number	Number of cores and mm ² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® HEAT 260 C I	MC		·	
0091330	3 G 0,75	5,5	46.0	75
0091331	4 G 0,75	5,9	51.0	87
0091332	3 G 1	5,8	48.0	81
0091333	4 G 1	6,4	65.0	104
0091334	3 G 1,5	6,3	65.0	101
0091335	4 G 1,5	7,2	86.0	134
0091336	5 G 1,5	7,8	105.0	162
0091337	3 G 2,5	7,9	114.0	160
0091338	4 G 2,5	8,7	140.0	204
0091339	5 G 2,5	9,4	209.0	270

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