UNITRONIC®

ETHERLINE®

HITRONIC®

品

SKINTOP®

SILVYN®





& LAPP GROUP



















ÖLFLEX® HEAT 260 C MC



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

electrical performance

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

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

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

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

Technical data

Copper-screened polytetrafluoroethylene cables for most extreme loads

Classification

ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable

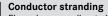


₩

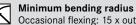
Core identification code

Colours according to VDE 0293-308, refer to Appendix T9 Specific insulation resistance

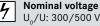




Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5



Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter



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

Article number	Number of cores and mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
ÖLFLEX® HEAT 260	O C 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

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.

APPENDIX

175