Expanded ambient temperatures • PTFE cables (-190°C to +260°C)





Info

**® LAPP GROUP** 

















# ÖLFLEX® HEAT 260 C MC

Copper-screened polytetrafluoroethylene cables for most extreme loads



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

#### **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 acc. to IEC 60332-1-2

#### 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



### Classification

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



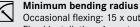
# Core identification code

Colours according to VDE 0293-308, refer to Appendix T9

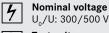


## **Conductor stranding**

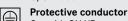
Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5



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







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 26	0 C MC			
0091330	3 G 0.75	5.5	46	75
0091331	4 G 0.75	5.9	51	87
0091332	3 G 1	5.8	48	81
0091333	4 G 1	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

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 are not to scale and do not represent detailed images of the respective products

## Accessories

- SILVYN® SSUE refer to page 908
- · EASY STRIP stripping and cutting tool refer to page 1004
- STAR STRIP stripping tool refer to page 1000