### Power and control cables

## **LAPP GROUP**

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





# ÖLFLEX<sup>®</sup> HEAT 260 MC

#### Polytetrafluoroethylene cables for most extreme loads

	Info
	<ul> <li>Excellent chemical, thermal and electrical performance</li> <li>Thin, light and robust</li> </ul>
atures	Technical data
EAT 260 made of PTFE ng resistance against acids, Ivents, lacquers, petrol, oils and er chemical media o inflame	Classification ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
ctric strength and high abrasion	Core identification code Colours according to VDE 0293-308, refer to Appendix T9
to microbes free insulation materials	Specific insulation resistance > 1 TOhm x cm
nd ozone resistant bic and dirt-repellent gation and tear resistance ntact with liquid nitrogen	Conductor stranding Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
against hydraulic fluids	Minimum bending radius Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter
rand made of nickel-plated	$\begin{array}{ c c c } \hline \textbf{Nominal voltage} \\ U_0/U: 300/500 V \end{array}$
l core insulation ed together	Test voltage 2500 V
l outer sheath, black	G = with GN-YE protective conductor

- PTFE-based

X = without protective conductor **Temperature range** 

Fixed installation:

-190°C to +260°C

Short-term: up to +300°C

- Benefits
- Space-saving installation 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

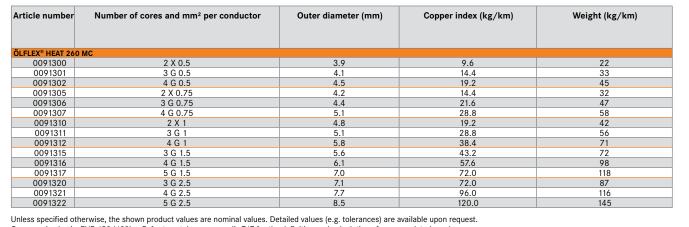
- Conventional cables are not designed for use in environments with very high operating temperatures, heavy usage of chemical agents, or tight spaces
- ÖLFLEX<sup>®</sup> HEAT 260 has proven to be an effective solution in harsh environments such as paint shop lines
- Typical fields of application
  - Industrial furnace construction
  - Foundries
  - Chemical industry
  - Power plant engineering
  - Paint shop line technology
  - Heating elements
  - Polymer processing
  - Wind turbine engineering

## Product fea

- ÖLFLEX<sup>®</sup> HE Outstandin alkalis, solv
  - many othe - Difficult to
  - High dielec resistance
  - Low water
  - Resistant to
  - Adhesion-fi
  - Weather an
- Hydrophob
- High elonga
- Resists cor - Resistant a

### Product ma

- Fine-wire str copper
- PTFE-based
- Cores twister



Copper price basis: EUR 150/100kg. 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  $\leq$  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.

#### ■ Similar products

• ÖLFLEX<sup>®</sup> HEAT 205 MC refer to page 173

**ETHERLINE®** 

SILVYN®

**FLEXIMARK®** 

ACCESSORIES

APPENDIX