

## Product Description

Space and weight saving installation due to thin cable diameters; Low outgassing behaviour



## Application range

- Various fields of industry wherever very high temperatures, aggressive chemical media or tight spaces rule out the use of conventional cables
- Typical fields of application - Industrial furnace construction - Foundries - Chemical industry - Power plant engineering - Paint shop line technology - Heating elements - Polymer processing - Wind turbine engineering

## Benefits

- Space and weight saving installation due to thin cable diameters
- Low outgassing behaviour

## Design

- Fine strands of tinned copper wires
- PTFE based core insulation
- Cores twisted together
- Copper braiding, tinned
- Outer sheath of FEP, colour white

## Product features

- ÖLFLEX® HEAT 205 made of FEP - Outstanding resistance against acids, 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 - Weather and ozone resistant - Hydrophobic and dirt-repellent - High elongation and tear resistance - Resistant against hydraulic fluids



Technical Data

**Core identification code**

Blue, red, grey, black

**Conductor stranding**

Fine wire according to VDE 0295, Class 5 / IEC 60228 Cl. 5 from 0.5 mm<sup>2</sup>

**Minimum bending radius**

Occasional flexing: 15 x cable diameter

Fixed installation: 4 x cable diameter

**Rated voltage**

U0/U 300/500 V

**Test voltage**

C/C : 2500 V C/S : 2000 V

**Protective conductor**

G = with protective conductor GN/YE

X = without protective conductor

**Range of temperature**

Fixed installation: -100°C up to +205°C

Article List

Part number	Number of cores and mm <sup>2</sup> per conductor	Outer diameter in mm	Copper index kg/km	Weight kg/km
ÖLFLEX® HEAT 205 PTFE/FEP				
30016373	4 X 0,75	5,9	49.0	78

**Footnote:**

All product related values as shown are nominal values unless specified differently. Further values, e.g. tolerances we submit on request - if available and released for publication.

Copper price basis: EUR 150 / 100 kg; For utilization and definition of 'Metal price basis' and 'Metal index' see Appendix T17

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging size: Coil ≤ 30 kg and ≤ 250 m, otherwise drum

Please specify the desired packaging size (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.