



## For very high and low temperature requirements

Small outer diameters for maximum saving of space and weight; Resistant to contact with mostly all highly aggressive chemical media

- Thermal and chemical resistance
- Space and weight-saving
- FEP = fluorinated ethylene propylene



## Product description

### Application range

- Conventional cables are not designed for use in environments with very high operating temperatures, heavy usage of chemical agents, or tight spaces
- Typical fields of application
  - Control cabinets with high heat generation
  - Measuring instruments
  - Furnaces and brickworks
  - Heating equipment and kitchen appliances
  - Electric motor building
  - Installations in the chemical industry

## Benefits

- Small outer diameters for maximum saving of space and weight
- Resistant to contact with mostly all highly aggressive chemical media

## Product Make-up

- Fine-wire, tinned-copper conductor
- FEP core insulation

## 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 materials
  - Weather and ozone resistant
  - Hydrophobic and dirt-repellent
  - High elongation and tear resistance
  - Resistant against hydraulic fluids

## Technical Data

Classification	ETIM 5.0 Class-ID: EC000993
Conductor stranding	ETIM 5.0 Class-Description: Single core cable Fine wire acc. to VDE 0295, class 5 / IEC 60228 class 5 from 0.5 mm <sup>2</sup>
Minimum bending radius	Fixed installation: 4 x outer diameter
Nominal voltage	U <sub>0</sub> /U: 300/500 V
Test voltage	2500 V
Temperature range	Fixed installation: -100°C to +205°C