


0080000	<b>DATA SHEET</b>	
valid from: 01.01.2019	<b>ÖLFLEX® HEAT 205 SC</b>	

### Application

ÖLFLEX® HEAT 205 SC are heat resistant insulated strands. Besides having excellent mechanical and physical properties. ÖLFLEX® HEAT 205 SC strands are characterized by very good electrical values, outstanding resistance against oil, weather and UV-radiation, as well as having high elasticity and tensile strength of the insulation material. ÖLFLEX® HEAT 205 SC strands are resistant against the action of water, acids, alkalis, solvents, synthetic liquids and oils. The cores are flame retardant.

### Design

Conductor	compacted fine wire strands of non-porous tinned copper wires according to IEC 60228, Class 5
Insulation	stress-crack resistant FEP according to type 6Y11 (VDE 0207 part 6)
Core identification code	Available core colours: GN-YE / BK / BU / BN / BG / YE / GN / VT / PK / OG / RD / WH / GR

### Electrical properties at 20°C

Rated voltage	U <sub>0</sub> /U: 300/500 V
Test voltage	2500 V AC

### Mechanical and thermal properties

Minimum bending radius	occasional flexing:	10 x outer diameter
	fixed installation:	4 x outer diameter
Temperature range	fixed installation: -100° C up to +205° C	
General requirements	These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive)	

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