


0080000	DATA SHEET	
valid from: 01.01.2019	ÖLFLEX® HEAT 205 SC	

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 ₀ /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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