



DATA SHEET	0080000
ÖLFLEX® HEAT 205 SC	valid from : 14.01.2008

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	fine strands of tinned copper wires acc. to IEC 60228 resp. VDE 0295, class 5 up to 0,5 mm ² in support to IEC 60228 resp. VDE 0295, class 5
Core insulation	FEP compound 6YI1 in acc. to VDE 0207 part 6

Electrical properties at 20 °C

Nominal voltage	300 / 500 V
Test voltage	2500 V AC

Mechanical and thermal properties

Temperature range:	-100 °C up to +205 °C max. conductor temperature
Min. bending radius	4 x cable diameter for fixed installation 10 x cable diameter for flex. applications
EC directive	this cable confirms to ECD 2006/95/EC (low voltage directive).

elaborated by: TE-K: M. Herb / R. Krämer	Document: DB0080000EN	page 1 of 1
---	-----------------------	-------------