0094000	DATA SHEET	
valid from: 20.08.2021	ÖLFLEX® HEAT 260 SC	

Application

ÖLFLEX® HEAT 260 SC are UL/cUL recognized PTFE fluoropolymer single cores. They are heat resistant insulated wires used for wiring and connections in switch cabinets. Additional to the excellent mechanical and physical properties, ÖLFLEX® HEAT 260 SC single core cables 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 isolation material. ÖLFLEX® HEAT 260 SC single core cables are resistant to water, acids, alkalis, solvents, synthetic liquids and oils. The cores are flame retardant.
Use acc. to UL: Internal Wiring
Use acc. to CSA: Internal Wiring of equipment, potentially subject to mechanical abuse

Design

Design	acc. to UL 758, AWM Style 11486
Certification	28-12 AWG: UL AWM Style 11486 acc. to UL 758 (File No E63634) & cRU AWM I A/B acc. to CSA C22.2 No 210 (File No E63634)
Conductor	fine strands of silver plated copper wires AWG conductor sizes: 7, 19 or 37 wires (depending on cross section)
Insulation	Polytetrafluoroethylene (PTFE), 5YI1 acc. to VDE 0207 part 6 & acc. to UL 758 table 7.2 & acc. to CSA C22.2 No 210, table 12
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

Nominal voltage	U_0/U: 300/500 V UL/CSA: 600 V
Test voltage	UL: 2000 V AC

Mechanical and thermal properties

Minimum bending radius	occasional flexing: fixed installation:	10 x outer diameter 4 x outer diameter
Temperature range	fixed installation: -190°C up to +260°C max. conductor temperature UL/CSA: up to +200°C	
Flammability	flame retardant acc. to IEC 60332-1-2 resp. EN 60332-1-2 UL: Horizontal Flame Test CSA: FT1	

General requirements	These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive)
Environmental information	These cables meet the substance-specific requirements of the EU Directive 2011/65/EU (RoHS).