

0091370

DATA SHEETvalid from:
01.01.2019**ÖLFLEX® HEAT 350 MC****LAPP****Application**

ÖLFLEX® HEAT 350 MC single core cables are suitable for fixed installation and wiring of electrical cabinets, motors and within machines, lightings and appliances at expanded ambient temperatures up to +350°C.

ÖLFLEX® HEAT 350 MC single core cables protect electric circuits at extreme locations, e.g. blast furnaces, coke mills, oil refineries, glassworks, aluminium- and steel works etc.

The single core cables are only suitable for installation in dry areas.

The single core cables are halogen-free and flame retardant.

Design

Conductor	fine wire strands of nickel-plated copper, acc. to IEC 60228 resp. VDE 0295, Class 5
Insulation	Several counter wise layers of Glass fibre wrappings
	Glass fibre braid with special impregnation
Core identification code	acc. to VDE 0293-1, with or without GN/YE ground conductor (the cores contain coloured stripes)
Stranding	cores twisted together
Outer sheath	Glass fibre braid with special impregnation white

Electrical properties at 20°C

Conductor resistance	1,0 mm ² : 20 Ω/km
	1,5 mm ² : 13,7 Ω/km
	2,5 mm ² : 8,21 Ω/km
Rated voltage	U ₀ /U: 230 / 400 V AC

Test voltage 1500 V AC

Mechanical and thermal properties

Minimum bending radius	occasional flexing at max. +260°C fixed installation: 15 x cable Ø
Temperature range	fixed installation: -50°C up to +350°C max. conductor temperature
General requirements	These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive)

AbN
automation

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Page 1 of 1