

0091370	<b>DATA SHEET</b>	
valid from: 01.01.2019	<b>ÖLFLEX® HEAT 350 MC</b>	

## 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 <sup>2</sup> :	20 Ω/km
	1,5 mm <sup>2</sup> :	13,7 Ω/km
	2,5 mm <sup>2</sup> :	8,21 Ω/km
Rated voltage	U <sub>0</sub> /U: 230 / 400 V AC	
Test voltage	1500 V AC	

## Mechanical and thermal properties

Minimum bending radius	occasional flexing at max. +260°C	15 x cable Ø
	fixed installation:	6 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)	

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