

0091370	DATA SHEET	
valid from: 02.06.2026	ÖLFLEX® HEAT 350 MC	

Application

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

The cables are only suitable for installation in dry areas.

The cables are halogen-free and flame retardant.

Design

Conductor	fine wire strands of nickel-plated copper, acc. to IEC 60228 resp. EN IEC 60228, 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)
Cable assembly	cores twisted together
Outer sheath	Glass fibre braid with special impregnation white

Electrical properties at 20 °C

Conductor resistance	1,0 mm² :	20 Ω/km
	1,5 mm² :	13,7 Ω/km
	2,5 mm² :	8,21 Ω/km
Nominal 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	15 x outer diameter
	fixed installation:	6 x outer diameter
Temperature range	fixed installation: -50°C up to +350° C max. conductor temperature	
Flammability	flame retardant acc. to IEC 60332-1-2 resp. EN 60332-1-2	
Halogen free	acc. to IEC 60754-1 resp. EN 60754-1	

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).

Creator: SESC / PDC	Document: DB0091370EN	Page 1 of 1
Released: LABU / PDC	Version: 04	