



Heat-resistant cables - SIFZü
Silicon-ignition cable, halogen-free



Technical attributes

Conductor material	Cu, tinned
Conductor type	flexible
Conductor category	5
Conductor standard	IEC 60228
Core insulation	Silicone
Outer sheath	Silicone
Outer sheath colour	red-brown
Temperature range min.	-60 °C
Temperature range max.	+180 °C
Short circuit temperature at conductor max.	+350 °C
Nominal voltage U ₀ /U	10 kV
Test voltage	20 kV
Ignition voltage	1,0 mm ² = 8 kV; 1,5 mm ² = 10 kV
Minimum bending radius, mobile operation	15 x cable-Ø
Minimum bending radius, fixed installation	6 x cable-Ø
RoHS-compliant	yes

Description

Applicable as a special high- and low-temperature-resistant cable, especially in iron, steel and rolling mills, foundries, as well as in aircraft and shipbuilding and cement, glass and ceramic factories. The cables are halogen free and are far more suitable for use in power plants.

Note

Silicon-ignition cable, halogen-free

- halogen-free
- flame-retardant IEC 60332-3-24 category C
- UV-resistant
- ozone-resistant

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00906001	SIFZü 1 rd/bn	78,00	9,60	7,50	red/brown
00906011	SIFZü 1,5 rd/bn	100,00	14,40	8,50	red/brown