



SiF, SiF-GL, SiFZ

Silicone, single core, halogen-free

Konstrukce

- Typ SiF tinned copper conductor, according to DIN VDE 0295 and IEC 60228 cl. 5, silicone core insulation
- Typ SiFF (on request) as SiF, but fine stranded bare copper cl. 6
- Typ SiF-GL as SiF, but insulation of glass-fibre braiding
- Typ SiD (on request) solid copper conductor, tinned, silicone insulation
- Typ SiD-GL (on request) as SiD but insulation of glass-fibre braiding
- Typ SiFZ stranded Cu tinned conductor, silicone insulation, high-voltage cable
- Typ SiF-GL-Si stranded Cu tinned conductor, silicone insulation, glass-fibre braiding, silicone outer sheath

Použití

These silicone cables are used in all areas with permanently high temperatures up to 180°C, short term up to 200°C, as well as for areas with low temperatures up to -60°C. Silicone cables are halogen-free and are used in power plants, in iron mills, steel-works, rolling-mills, in aviation and ship industry, in cement, glass and ceramic factories etc. SiF-GL-Si cables are used as ignition cables in automotive industry.

Technická data

- Special silicone conductors, extensively heat resistant
- Temperature range from -60°C to +180°C; short time +200°C
- Nominal voltage 500 V for SiF-GL-Si 10kV
- Test voltage a.c. 2000 V, for SiFZ 20 kV
- Minimum bending radius approx. 15 x cable diameter
- Halogen free according to IEC 60754-1
- Self-extinguishing and flame resistant sheath according to VDE 0482-332-1-2/ DIN EN 60332-1-2/ IEC 60332-1-2



Popis produktu

SiF

SiF-GL

SiF-GL-Si

SiFZ

Resistant to

high molecular oils, fats from vegetables and animals, alcohols, plasticizers and clophenes, diluted acids, lyes and salt dissolutions, oxidation substances, tropical and weather influeneces and oxygen.

Note:

- Fixed installation only in open or ventilated pipe systems or ducts. Otherwise the mechanical properties of the silicone are reduced in the enclosed areas with air temperatures exceeding 90°C
- CE = the product is conformed with the EC Low-Voltage Directive 2014/35/EU.
- Conforms to RoHS.
- When ordering, please complete the ordering code of the cable SiF using the table below up to 6 mm², above 6 mm² contact our office.
- - 00 green
 - 01 black
 - 02 red
 - 03 blue
 - 04 brown
 - 05 white
 - 06 grey
 - 07 violet
 - 08 yellow
 - 09 orange
 - 10 transparent
 - 11 pink
 - 12 beige
 - 13 twin color