

HIGH TEMPERATURE WIRES AND CABLES  
FOR THE GENERAL MARKET  
SECTION I: CROSS LINKED ELASTOMERS

# SILICABLE® SIZ-VDE

VDE approval  
-60 °C to +180 °C



SILICONE INSULATED AND/OR SHEATHED  
WIRES AND CABLES



- 1 • Flexible tin-plated copper core – class 5 as per IEC 60228 / DIN VDE 0295.
- 2 • Insulation: Silicone rubber – type E12 – DIN EN 50363-1.

## Approvals - standards

- VDE approval as per licence no. 101609.
- Halogen-free: IEC 60754-1 / EN 60754-1.

## Applications

- Cabling for low voltage lighting systems.

## Options

- Other colours: contact us.
- Identification using a coloured longitudinal stripe on one of the two conductors: contact us.

## Characteristics

### General

- Continuous operating temperatures: -60 °C to +180 °C.
- Good resistance to thermal shock and UV.

### Electrical

- Rated voltage: 300 V.
- Test voltage: 2000 V.

## Standard products

- Standard insulation colour: white.
- Identification by marking on one of the 2 conductors.

## SIZ-VDE

### Flexible core • class 5 as per IEC 60228

Nominal cross-section (mm <sup>2</sup> )	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)
2 x 0.5	16 x 0.20	40.1
2 x 0.75	24 x 0.20	26.7
2 x 1	32 x 0.20	20.0
2 x 1.5	30 x 0.25	13.7
2 x 2.5	50 x 0.25	8.21

### INSULATED WIRE

Nominal thickness of insulation (mm)	Nominal dimensions (mm)	Approximate linear weight (kg/km)
0.6	2.1 x 4.4	15.8
0.6	2.4 x 5.0	22.0
0.6	2.5 x 5.2	26.7
0.7	2.8 x 5.8	36.6
0.8	3.4 x 7.0	58.2

For this product, please contact:

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**omerin**  
LES CABLES DE L'EXTREME

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For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.  
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