

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 EI2 – 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 ²)	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:

OMERIN division principale

Zone Industrielle - F 63600 Ambert
Tel. +33 (0)4 73 82 50 00 - Fax +33 (0)4 73 82 50 10
omerin@omerin.com

Omerin division siliisol

BP 87 - ZI du Devey - F 42000 Saint-Etienne
Tel. +33 (0)4 77 81 36 00 - Fax +33 (0)4 77 81 37 00
siliisol@omerin.com