

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

SILICABLE®
ECS-HT VDE
Ignition wires
VDE approval
-60 °C to +180 °C



Approvals - standards

- VDE approval: Licence No. 106491.
- Halogen-free: IEC 60754-1 / EN 60754-1.

Applications

- Ignition circuit and creation of an electric arc for:
 - > Piezo-electric components in household electrical appliances.
 - > Gas or oil burners for boilers and professional appliances.

Options

- Solid tin-plated copper core (ref. RECS-HT VDE)
 - class 1 as per IEC 60228:
 See details of the option below.
 - Other colours: contact us.

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.

Characteristics
General

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

Electrical

- Rated voltage: 1.8/3.0 kV.
- Pulse voltage: 10 kV.

Standard products

- Standard insulation colours: white, black, brick red and colourless.

ECS-HT VDE

Flexible core • class 5 as per IEC 60228

Nominal cross-section (mm²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)
0.75	24 x 0.20	26.7
1	32 x 0.20	20.0
1.5	30 x 0.25	13.7

INSULATED WIRE

Nominal thickness of insulation (mm)	Nominal diameter (mm)	Approximate linear weight (kg/km)
1.3	3.8	22.0
1.3	3.9	24.6
1.3	4.2	30.7

Option • RECS-HT VDE

Solid core • class 1 as per IEC 60228

Nominal cross-section (mm²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)
0.75	1 x 0.98	24.8
1	1 x 1.13	18.2
1.5	1 x 1.38	12.2

INSULATED WIRE

Nominal thickness of insulation (mm)	Nominal diameter (mm)	Approximate linear weight (kg/km)
1.3	3.6	20.6
1.3	3.8	24.2
1.3	4.0	29.7

For this product, please contact:

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