

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

SILICABLE® RCS and RECS

Solid core
-60 °C to +180 °C

SILICONE INSULATED AND/OR SHEATHED
WIRES AND CABLES



- 1 • Solid bare copper (ref. RCS) or tin-plated (ref. RECS) core - class 1 as per IEC 60228.
- 2 • Insulation: Silicone rubber.

Approvals - standards

- Halogen-free:
IEC 60754-1 / EN 60754-1.
- Low corrosivity of gas emissions:
IEC 60754-2 / EN 60754-2.
- Low smoke density:
IEC 61034-2 / EN 61034-2.

Applications

- Cabling for household electrical heating appliances.
- Rotating machines (class H):
 - Lighting.
- Industrial cabling in hot atmospheres.

Options

- Outer electrical shielding:
- > Tin-plated copper braid: ref. RCSBE or RECSBE.
- Other nominal cross-sections: contact us.
- Other options: contact us.

Characteristics General

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

Electrical

- Rated voltage: 300/500 V.
- Test voltage: 2000 V.

Standard products

- All colours including two-coloured.

RCS and RECS

Solid core • class 1 as per IEC 60228

Nominal cross-section (mm²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km) (bare copper core)
0.5	1 x 0.80	36.0
0.75	1 x 0.98	24.5
1	1 x 1.13	18.1
1.5	1 x 1.38	12.1
2.5	1 x 1.77	7.41
4*	1 x 2.24	4.61
6*	1 x 2.76	3.08

INSULATED WIRE

Nominal thickness of insulation (mm)	Nominal diameter (mm)	Approximate linear weight (kg/km)
0.6	2.0	8.4
0.6	2.2	11.3
0.6	2.4	14.2
0.6	2.6	19.1
0.7	3.2	30.4
0.8	3.9	47.2
0.8	4.4	67.4

* Nominal cross-sections not available with the ref. RECS.

For this product, please contact:

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