

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

SILICABLE® ECSPRI -60 °C to +180 °C

SILICONE INSULATED AND/OR SHEATHED
WIRES AND CABLES WITH REINFORCING BRAID



- 1 • Flexible tin-plated copper core - class 5 as per IEC 60228.
- 2 • Optional separating tape.
- 3 • Insulation: Silicone rubber.
- 4 • Reinforcement: Varnished synthetic fibre braid.

Approvals - standards

- Halogen-free: IEC 60754-1 / EN 60754-1.

Applications

- Cabling for rotating machines: motors, alternators, generators.
- Cabling for static machines: transformers, inductors, inverters, choppers.
 - Power cabinets.

Options

- Flexible bare copper core (ref. CSPRI) – class 5 as per IEC 60228: contact us.
- Other nominal cross-sections: contact us.
 - Other nominal stranding: contact us.
 - Other options: contact us.

Characteristics

General

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

Electrical

- Rated voltage: 600/1000 V.
- Test voltage: 3000 V.

Standard products

- All solid colours, yellow/green or white with coloured spiral markings.

ECSPRI

Flexible core • class 5 as per IEC 60228

Nominal cross-section (mm ²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)
0.5	16 × 0.20	40.1
0.75	24 × 0.20	26.7
1	32 × 0.20	20.0
1.5	30 × 0.25	13.7
2.5	50 × 0.25	8.21
4	56 × 0.30	5.09
6	84 × 0.30	3.39
10	80 × 0.40	1.95
16	126 × 0.40	1.24
25	196 × 0.40	0.795
35	276 × 0.40	0.565
50	396 × 0.40	0.393
70	360 × 0.50	0.277
95	485 × 0.50	0.210
120	608 × 0.50	0.164

INSULATED WIRE OR CABLE

Nominal thickness of insulation (mm)	Nominal diameter (mm)	Approximate linear weight (kg/km)
0.35	1.9	7.2
0.4	2.2	10.2
0.4	2.3	12.3
0.4	2.7	17.7
0.5	3.3	28.2
0.6	4.1	44.6
0.8	5.1	67.8
0.9	7.0	121
1.1	8.4	179
1.3	10.2	278
1.4	11.6	372
1.7	13.8	534
1.7	15.4	703
2.1	18.0	942
2.3	20.0	1217

For this product, please contact:

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