

SILICABLE® ETNP**-50 °C to +155 °C**

- 1 • Flexible tin-plated copper core – class 5 as per IEC 60228.
- 2 • Polyester tape(s).
- 3 • Meta-aramid tape(s).
- 4 • Varnished polyester braid.

Applications

- Cabling for rotating machines: motors, alternators, generators.
 - Cabling for static machines: transformers, inductors, inverters, choppers.
 - Cabling for cabinets, household lighting appliances.
- Cabling in +155 °C environments maximum requiring very good insulation resistance to abrasion and/or shearing and/or friction.

Options

- Bare copper core: ref. TNP.
 - Up to 6 mm²: solid bare copper core (ref. RTNP) – class 1 as per IEC 60228.
- Up to 2.5 mm²: solid tin-plated copper core (ref. RETNP) – class 1 as per IEC 60228.
- Other nominal cross-sections: contact us.
 - Other nominal stranding: contact us.
 - Other options: contact us.

Characteristics**General**

- Continuous operating temperatures: -50 °C to +155 °C (class F).
- Good mechanical strength.
- Compatible with most impregnation varnishes.

Electrical

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

Standard products

- Solid white.
- White with coloured spiral stripe(s).

Flexible core • Class 5 as per IEC 60228

Nominal cross-section (mm ²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)
0.25*	7 x 0.22	81.2
0.5	16 x 0.20	40.1
0.75	24 x 0.20	26.7
1	32 x 0.20	20.0
1.5	30 x 0.25	13.7
2.5	50 x 0.25	8.21
4	56 x 0.30	5.09
6	84 x 0.30	3.39
10	80 x 0.40	1.95
16	126 x 0.40	1.24
25	196 x 0.40	0.795
35	276 x 0.40	0.565
50	396 x 0.40	0.393
70	360 x 0.50	0.277

INSULATED WIRE OR CABLE

Nominal diameter (mm)	Approximate linear weight (kg/km)
1.3	3.1
1.5	5.1
1.7	7.3
1.9	9.5
2.2	13.8
2.6	22.3
3.0	34.3
3.6	50.9
5.4	95.4
7.2	153
8.5	236
9.9	325
11.4	459
13.4	639

* Nominal cross-section not described in IEC 60228.

For this product, please contact:

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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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