

HIGH TEMPERATURE WIRES AND CABLES FOR THE GENERAL MARKET SECTION III: COMPOSITE INSULATIONS

SILICABLE® CNVAS

-60 °C to +400 °C



UNIPOLAR WIRES AND CABLES WITH COMPOSITE INSULATION



- 1 • Stranded or flexible nickel-plated copper core – class 2 or 5 as per IEC 60228.
- 2 • Impregnated fibreglass lappings.
- 3 • Silicone-coated mineral fibre braid.

Approvals - standards

- Nickel-plated copper complying with the 2 % class as per standard ASTM B355.
 - VERITAS approval certificates:
 - > No. BV 153552.
 - > No. BV 256192.

Applications

- Cabling for heating resistors, cartridges, bands and plates.
- Cabling for domestic electrical heating appliances: kitchens, professional ovens, etc.
- Machines for thermoplastics or rubber.
 - Industrial furnaces and air ovens.
- Heavy industry: foundries, steelworks, glassworks, etc.

Options

- Bare copper core: ref. VAS.
- Nickel-plated copper core complying with the 27 % class as per standard ASTM B355 for reinforced resistance to oxidization: contact us.
- Other nominal cross-sections: contact us.
 - Other options: contact us.

Characteristics General

- Continuous operating temperatures: -60 °C to +400 °C.
- Good resistance to thermal shocks and oxidization.

Electrical

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

Standard products

- Standard colour: grey.
- Other colours on request including yellow/green.

Conducting core			INSULATED WIRE OR CABLE	
Nominal cross-section (mm ²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)	Nominal diameter (mm)	Approximate linear weight (kg/km)
0.25*	8 × 0.20	87.2	2.2	7.9
0.34*	7 × 0.25	63.6	2.3	9.2
0.5	7 × 0.30	40.1	2.5	11.1
0.75	11 × 0.30	26.7	2.7	14.3
1	14 × 0.30	20.0	3.2	19.9
1.5	21 × 0.30	13.7	3.4	25.6
2.5	35 × 0.30	8.21	4.0	36.4
4	56 × 0.30	5.09	4.5	56.3
6	84 × 0.30	3.39	5.0	73.9
10	80 × 0.40	1.95	8.0	149
16	126 × 0.40	1.24	9.0	225
25	196 × 0.40	0.795	10.6	321
35	276 × 0.40	0.565	13.0	442
50	396 × 0.40	0.393	14.4	576
70	543 × 0.40	0.277	16.5	827
95	740 × 0.40	0.210	18.5	1102
120	925 × 0.40	0.164	20.2	1327
150	1184 × 0.40	0.132	23.0	1741
185	1443 × 0.40	0.108	25.9	2061
240	1924 × 0.40	0.0817	27.9	2666

* Nominal cross-sections not described in IEC 60228.

For this product, please contact:

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LES CABLES DE L'EXTREME

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