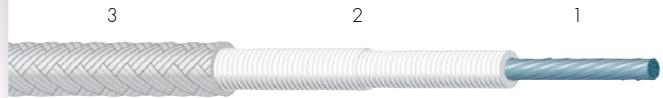


SILICABLE® CNVAS**-60 °C to +400 °C**UNIPOLAR WIRES AND CABLES
WITH COMPOSITE INSULATION

- 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 x 0.20	87.2	2.2	7.9
0.34*	7 x 0.25	63.6	2.3	9.2
0.5	7 x 0.30	36.7	2.5	11.1
0.75	11 x 0.30	24.8	2.7	14.3
1	14 x 0.30	18.2	3.2	19.9
1.5	21 x 0.30	12.2	3.4	25.6
2.5	35 x 0.30	7.56	4.0	36.4
4	56 x 0.30	5.09	4.5	56.3
6	84 x 0.30	3.39	5.0	73.9
10	80 x 0.40	1.95	8.0	149
16	126 x 0.40	1.24	9.0	225
25	196 x 0.40	0.795	10.6	321
35	276 x 0.40	0.565	13.0	442
50	396 x 0.40	0.393	14.4	576
70	543 x 0.40	0.277	16.5	827
95	740 x 0.40	0.210	18.5	1102
120	925 x 0.40	0.164	20.2	1327
150	1184 x 0.40	0.132	23.0	1741
185	1443 x 0.40	0.108	25.9	2061
240	1924 x 0.40	0.0817	27.9	2666

* Nominal cross-sections not described in IEC 60228.

For this product, please contact:

OMERIN division principale

Zone Industrielle - F 63600 Ambert

Tel. +33 (0)4 73 82 50 00 - Fax +33 (0)4 73 82 50 10

omerin@omerin.com

OMERIN division silisol

BP 87 - ZI du Devey - F 42000 Saint-Etienne

Tel. +33 (0)4 77 81 36 00 - Fax +33 (0)4 77 81 37 00

silisol@omerin.com

www.omerin.com**omerin**
LES CABLES DE L'EXTREME

The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force.

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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