

SILICABLE®

CNVAS

- 60°C to + 400°C

CHARACTERISTICS

Physical-chemical

- Continuous working temperatures: - 60°C to + 400°C
Peaks at + 450°C.
- Good resistance to thermal shock.
- Excellent ageing resistance.
- Good resistance to the usual chemical atmospheres.

Electrical

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

PRODUCTS

- Standard colour: grey.
- Any colour on request, including green/yellow.

PACKAGING

- Rolls, spools or drums.

OPTIONS

- Red copper core: ref. **VAS**.
- Pure nickel core: ref. **NVAS** (see page 41).
- Multi-conductor assemblies under a silicone-coated mineral fibre sheath: ref. **MA-CNVAS** (see page 85).
- Other cross-sections and flexibility classes: consult us.

- 1 - Flexible nickel-plated core - class 5 - IEC 228.
- 2 - Several silicone-impregnated glass lappings.
- 3 - Silicone-coated mineral fibre braid.

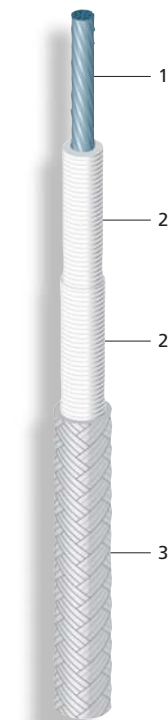
APPROVALS - STANDARDS

- VERITAS approval certificate N° BV 153552.
- Nickel-plated copper meets standard ASTM B355.



APPLICATIONS

- Wiring of heating elements, cartridges, bands and hot plates.
- Wiring of domestic electrical heating appliances, professional kitchens and ovens.
- Machines for thermoplastics and rubber, etc.
- Furnaces and industrial ovens.
- Heavy industry: foundries, steelworks and glassworks, etc.



CORE

Nominal cross-section mm ²	Nominal stranding	Max. linear resistance at 20°C Ω/km
0.25	8 x 0.20 or 3 x 0.30	80.9
0.5	16 x 0.20 or 7 x 0.30	40.1
0.75	24 x 0.20 or 11 x 0.30	26.7
1	32 x 0.20 or 14 x 0.30	20.0
1.5	30 x 0.25 or 21 x 0.30	13.7
2.5	50 x 0.25 or 35 x 0.30	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
95	485 x 0.50	0.210
120	608 x 0.50	0.164
150	756 x 0.50	0.132
185	944 x 0.50	0.108
240	1221 x 0.50	0.0817

INSULATED WIRE OR CABLE

Nominal outer diameter mm	Approx. linear weight kg/km
2.2	9.30
2.5	11.5
2.7	15.0
3.2	17.7
3.4	23.9
4.0	35.9
4.5	54.2
5.0	77.0
8.0	146
9.0	221
10.6	337
13.4	438
14.0	602
16.5	815
18.5	1109
20.2	1379
23.0	1754
25.9	2223
27.9	2883