

SILICABLE®

VS

- 60°C to + 280°C

CHARACTERISTICS

Physical-chemical

- Continuous working temperatures: - 60°C to + 280°C
Peaks at + 350°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: brown.
- All colours on request, including green/yellow.

PACKAGING

- Rolls, spools or drums.

OPTIONS

- Nickel-plated copper core: ref. **CNVS**.
- Pure nickel core: ref. NVS (page 39).
- Tinned copper core: ref. EVS.
- Reduced outer diameters: ref. VSL.
- Multi-conductor assemblies under silicone-coated fibreglass braided sheaths: ref. MV-VS (page 83).
- Other cross-sections and flexibility classes: consult us.

- 1 - Flexible red copper core - class 5 - IEC 228.
- 2 - Several silicone-impregnated glass lappings.
- 3 - Silicone-coated fibreglass braid.

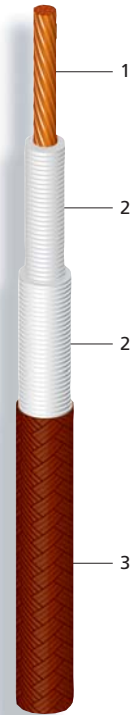
APPROVALS - STANDARDS

- VERITAS approval certificate
N° BV 153552.



APPLICATIONS

- Wiring of heating elements, bands, cartridges, and hot plates.
- Wiring of domestic electrical heating appliances, professional kitchens and ovens.
- Machines for thermoplastics or rubber, etc.
- Furnaces and industrial ovens.



CORE

Nominal cross-section mm ²	Nominal stranding	Max. linear resistance at 20°C Ω/km
0.25	8 x 0.20	78.6
0.5	16 x 0.20	39.0
0.75	24 x 0.20	26.0
1	32 x 0.20	19.5
1.5	30 x 0.25	13.3
2.5	50 x 0.25	7.98
4	56 x 0.30	4.95
6	84 x 0.30	3.30
10	80 x 0.40	1.91
16	126 x 0.40	1.21
25	196 x 0.40	0.78
35	276 x 0.40	0.554
50	396 x 0.40	0.386
70	360 x 0.50	0.272
95	485 x 0.50	0.206
120	608 x 0.50	0.161
150	756 x 0.50	0.129
185	944 x 0.50	0.106
240	1221 x 0.50	0.0801

INSULATED WIRE OR CABLE

Nominal outer diameter mm	Approx. linear weight kg/km
1.9	6.50
2.1	8.70
2.4	11.9
2.5	14.5
2.8	20.5
3.2	32.2
4.0	50.1
4.6	72.3
6.6	130
7.9	206
10.0	323
12.0	423
13.4	590
16.3	805
18.0	1089
19.5	1354
22.5	1704
24.4	2126
27.5	2835