

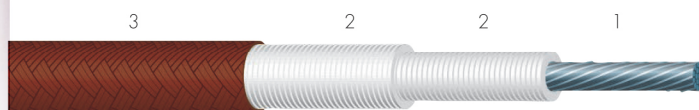
HIGH TEMPERATURE WIRES AND CABLES FOR THE GENERAL MARKET SECTION III: COMPOSITE INSULATIONS

SILICABLE® NVS

-60 °C to +350 °C



UNIPOLAR WIRES AND CABLES WITH COMPOSITE INSULATION



- 1 • Stranded or flexible nickel core.
- 2 • Impregnated fibreglass lappings.
- 3 • Silicone-coated fibreglass braid.

Approvals - standards

- Nickel type 200, as per standards DIN 17753, DIN 17740 and ASTM B160.
- VERITAS approval certificates:
 - > No. BV 153552.
 - > No. BV 256192.
- VDE test report no. 9296-5950-0001/32YAT F42/sld-Fc.

Applications

- Cabling for heating resistors, cartridges, bands and plates.
- Domestic electrical heating appliances: kitchens, professional ovens, etc.
- Machines for thermoplastics or rubber.
 - Industrial furnaces and air ovens.

Options

- Reduced outer diameters: ref. NVSL (See details of this option below).
 - Fibreglass outer braid coated with PTFE varnish: ref. NVF.
- Other nominal cross-sections: contact us.
 - Other core stranding: contact us.

Characteristics

General

- Continuous operating temperatures: -60 °C to +350 °C.
- Excellent resistance to thermal shocks and oxidation of core.

Electrical

- | | | |
|------------------|------------|-------------|
| | NVS | NVSL |
| • Rated voltage: | 300/500 V | 300/300 V. |
| • Test voltage: | 2000 V | 1500 V. |

Standard products

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

NVS

Conducting core			INSULATED WIRE OR CABLE	
Nominal cross-section (mm²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)	Nominal diameter (mm)	Approximate linear weight (kg/km)
0.22	7 x 0.20	573	1.4	4.6
0.25	8 x 0.20	503	1.9	5.7
0.5	7 x 0.30	229	2.1	8.8
0.75	11 x 0.30	156	2.4	11.9
1	14 x 0.30	115	2.5	14.5
1.34	19 x 0.30	93.1	2.6	15.9
1.5	21 x 0.30	77.2	2.8	19.1
2	29 x 0.30	58.0	3.0	22.1
2.5	35 x 0.30	47.2	3.2	29.3
4	56 x 0.30	31.5	4.3	47.4
6	84 x 0.30	21.0	4.8	67.5
8	119 x 0.30	15.5	5.8	82.3
10	140 x 0.30	12.1	6.8	106
16	224 x 0.30	7.72	8.2	192
25	354 x 0.30	4.97	10.1	302
35	495 x 0.30	3.53	12.0	395
50	707 x 0.30	2.46	13.2	556
70	999 x 0.30	1.73	16.3	785

Option • NVSL

Conducting core			INSULATED WIRE	
Nominal cross-section (mm²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)	Nominal diameter (mm)	Approximate linear weight (kg/km)
0.22	7 x 0.20	573	1.2	3.8
0.25	8 x 0.20	503	1.3	4.1
0.34	11 x 0.20	366	1.4	5.1
0.5	7 x 0.30	229	1.6	6.2
0.75	11 x 0.30	156	1.8	9.0
1	14 x 0.30	115	2.1	10.9
1.34	19 x 0.30	93.1	2.3	14.5
1.5	21 x 0.30	77.2	2.5	15.2
2	29 x 0.30	58.0	2.7	20.7
2.5	35 x 0.30	47.2	3.0	24.5
4	56 x 0.30	31.5	3.6	38.6
6	84 x 0.30	21.0	4.4	57.7

For this product, please contact:

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LES CABLES DE L'EXTREME

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