

# SILICABLE®

## NVS and NVSL

- 60°C to + 350°C

### CHARACTERISTICS

#### Physical-chemical

- Continuous working temperatures:  
- 60°C to + 350°C - Peaks at + 400°C.
- Good resistance to thermal shock.
- Excellent ageing resistance.
- Good resistance to the usual chemical atmospheres.

#### Electrical

	NVS	NVSL
Working voltage	300/500 V	300/300 V
Test voltage	2000 V	1200 V

### PRODUCTS

- Standard colour: brown.
- All plain colours or with coloured spiral tracers on request, including green/yellow.

### OPTIONS

- Teflon-coated (Teflon® PTFE varnish) fibreglass braid: ref. NVF.
- Multi-conductor assemblies  
- under silicone-coated fibreglass braid: ref. MV-NVS;  
- under galvanized steel shielding braid: ref. BM-NVS (page 87).
- Other cross-sections and flexibility classes: consult us.

- 1 - Flexible nickel core, type 200.
- 2 - Silicone-impregnated glass lappings.
- 3 - Silicone-coated fibreglass braid.

### APPROVALS - STANDARDS

- Nickel type 200, meets standards DIN 17753, DIN 17740 and ASTM B160.
- VERITAS approval certificate N° BV 153552.
- VDE certificate N° 9296-5950-0001/32YAT F42/sld-Fc for NVS.



### PACKAGING

- Rolls, spools and drums.

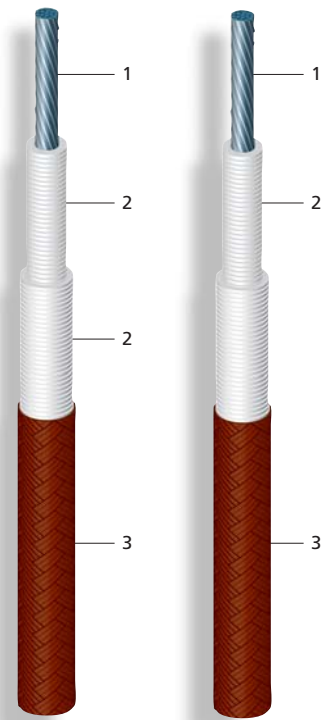
### APPLICATIONS

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



NVS

NVSL



## SILICABLE® NVS

### CORE

Nominal cross-section mm²	Nominal stranding	Approx. linear resistance at 20°C max. Ω/km (nickel core)
0.25	4 x 0.30	377
0.5	7 x 0.30	216
0.75	11 x 0.30	137
1	14 x 0.30	108
1.5	21 x 0.30	71.9
2.5	35 x 0.30	43.1
4	56 x 0.30	27
6	84 x 0.30	18
10	140 x 0.30	10.8
16	228 x 0.30	6.74
25	354 x 0.30	4.26
35	495 x 0.30	3.05
50	707 x 0.30	2.14

### 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
4.3	50.1
4.8	72.3
6.8	131
8.2	206
10.1	323
12.0	423
13.2	591

## SILICABLE® NVSL (reduced outer diameters)

### CORE

Nominal cross-section mm²	Nominal stranding	Approx. linear resistance at 20°C max. Ω/km (nickel core)
0.22	7 x 0.20	438
0.25	8 x 0.20	383
0.34	11 x 0.20	279
0.5	7 x 0.30 or 16 x 0.20	216
0.6	9 x 0.30 or 19 x 0.20	168
0.75	11 x 0.30 or 24 x 0.20	137
1	14 x 0.30 or 32 x 0.20	108
1.5	21 x 0.30	71.9
2	28 x 0.30	53.9
2.5	35 x 0.30	43.1
4	56 x 0.30	27

### INSULATED WIRE OR CABLE

Nominal outer diameter mm	Approx. linear weight kg/km
1.2 ± 0.15	5.40
1.3 ± 0.15	6.00
1.4 ± 0.15	7.70
1.6 ± 0.15	8.50
1.7 ± 0.15	9.50
1.8 ± 0.20	11.5
2.1 ± 0.20	14.0
2.5 ± 0.20	20.0
2.9 ± 0.20	26.0
3.1 ± 0.25	31.7
3.6 ± 0.30	49.0

Teflon® is a registered trademark of Du Pont de Nemours.

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