

SILICABLE®

NVAS

- 60°C to + 450°C

CHARACTERISTICS

Physical-chemical

- Continuous working temperatures: - 60°C to + 450°C
Peaks at + 550°C.
- Excellent 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

- Multiconductor assemblies
 - under a braided mineral fibre sheath: ref. MA-NVAS;
 - under a stainless steel shielding braid: ref. BIM-NVAS.
- Other cross-sections and flexibility classes: consult us.
- Very high temperature fibreglass insulating sheath, ref. NVS-R (outer diameters identical to type NVS, page 39).

- 1 - Flexible nickel core, type 200.
- 2 - Several silicone-impregnated glass lappings.
- 3 - Silicone-coated mineral fibre braid.

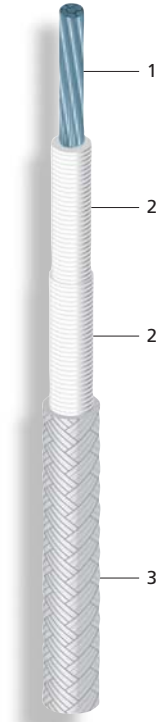
APPROVALS - STANDARDS

- 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.



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, glassworks, etc.



CORE

Nominal cross-section mm ²	Nominal stranding	Linear resistance max. at 20°C 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
2.2	6.50
2.5	8.70
2.7	11.9
3.2	14.5
3.4	20.5
4.0	32.2
4.5	50.1
5.3	72.3
8.0	130
9.0	206
10.6	323
13.4	423
14.0	590