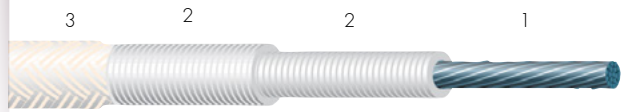


HIGH TEMPERATURE WIRES AND CABLES
FOR THE GENERAL MARKET
SECTION III: COMPOSITE INSULATIONS

SILISOL® NTSD-L and NTSD

-60 °C to +400 °C

UNIPOLAR WIRES AND CABLES
WITH COMPOSITE INSULATION



- 1 • Concentric nickel core.
- 2 • Impregnated fibreglass.
- 3 • Coated fibreglass braid.

Approvals - standards

- Nickel type 200, as per standards DIN 17753, DIN 17740 and ASTM B160.

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

- Other nominal cross-sections: contact us.
 - Other nominal stranding: contact us.
 - Other options: contact us.

Characteristics

General

- Continuous operating temperatures: -60 °C to +400 °C.
- Excellent resistance to thermal shocks and oxidization of core.

Electrical

- | | | |
|------------------|---------------|-------------|
| | NTSD-L | NTSD |
| • Rated voltage: | 300/500 V | 300/500 V. |
| • Test voltage: | 2000 V | 3000 V. |

Standard products

- Standard colour: white.
- Other colours on request including white with coloured spiral stripe.

NTSD-L

Concentric nickel core

Nominal cross-section (mm ²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)
0.22	7 x 0.20	573
0.34	7 x 0.25	366
0.5	16 x 0.20	248
0.75	24 x 0.20	165
1	32 x 0.20	124
1.5	30 x 0.25	84.8
2.5	50 x 0.25	50.9

INSULATED WIRE

Nominal diameter (mm)	Approximate linear weight (kg/km)
1.4	4.3
1.5	5.2
1.6	6.4
1.8	9.0
2.1	10.9
2.5	15.2
3.1	24.5

NTSD

Concentric nickel core

Nominal cross-section (mm ²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)
0.22	7 x 0.20	573
0.34	7 x 0.25	366
0.5	16 x 0.20	248
0.75	24 x 0.20	165
1	32 x 0.20	124
1.5	30 x 0.25	84.8
2.5	50 x 0.25	50.9

INSULATED WIRE

Nominal diameter (mm)	Approximate linear weight (kg/km)
1.8	6.9
2.0	7.8
2.1	8.7
2.4	11.9
2.5	13.8
2.8	18.8
3.2	28.3

For this product, please contact:

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LES CABLES DE L'EXTREME