

BRAIDED INSULATING SLEEVINGS

SILIGAINÉ® GTE 1

-60 °C to +250 °C

FIBREGLASS BRAIDED SLEEVING, TREATED AND COATED WITH CLEAR SILICONE VARNISH

HIGH TEMPERATURE FIBREGLASS PROTECTIVE SLEEVINGS



Standards*

- IEC 60684-1 and 60684-2.

Applications

- Cabling for heating elements.
- Sheathing of cable harnesses for cables subject to high temperature and mechanical constraints.
 - Industrial electrothermal machines (ovens, air ovens, etc.).

Options

- Other diameters: contact us.
- Sleeveings cut to length: contact us.
- Double braid: SILIGAINÉ® GTE 2: dielectric strength > 2 kV.
- Triple braid: SILIGAINÉ® GTE 3: dielectric strength > 2.5 kV.

Packaging

- Packaging upon request: contact us.

Characteristics

General

- Continuous operating temperature: -60 °C to +250 °C.
- Peak temperatures (few minutes): +350 °C.
- Good resistance to thermal shock.
- Very good ageing in hot environment.
- Good resistance to atmospheric agents. UV, ozone, oxygen.
- Good resistance to common chemical agents.

Electrical

- Dielectric strength (dry): > 1.5 kV.

Standard products

- Colour: mottled brown.

INTERNAL DIAMETER

GTE 1

Nominal value** (mm)	Approximate wall thickness (mm)	Approximate linear weight (kg/km)
1	0.50	4.8
1.5	0.50	5.3
2	0.50	6.9
2.5	0.50	7.7
3	0.50	9.1
4	0.50	10.4
5	0.50	13.1
6	0.50	14.5
7	0.50	15.9
8	0.50	21.3
9	0.50	24.0
10	0.60	28.7
12	0.60	37.5
14	0.60	41.7
16	0.60	51.9
18	0.70	55.7
20	0.70	78.0
22	0.70	85.5
25	1.0	91.1
30	1.0	172
35	1.0	213
40	1.2	333
45	1.2	376
50	1.2	447

For this product, please contact:

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*Standards: our products comply with all or part of the requirements of standards quoted; contact us.
**Tolerance: ± 10%.