

BRAIDED INSULATING SLEEVINGS

SILIGAINÉ® GT 1

-60 °C to +300 °C

TREATED FIBREGLASS BRAIDED SLEEVING
NOT IMPREGNATED

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® GT 2: dielectric strength > 1.5 kV.
- Triple braid: SILIGAINÉ® GT 3: dielectric strength > 2.0 kV.

Packaging

- Diameters from 0.5 to 10 mm: 100 m rolls.
- Diameters > 10 mm: contact us.

Characteristics

General

- Continuous operating temperature: -60 °C to +300 °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): > 800 V.

Standard products

- Colour: mottled brown.

INTERNAL DIAMETER

GT 1

Nominal value** (mm)	Approximate wall thickness (mm)	Approximate linear weight (kg/km)
0.5	0.40	2.9
1	0.40	3.4
1.5	0.40	4.2
2	0.40	4.8
2.5	0.40	6.0
3	0.40	6.5
3.5	0.40	7.6
4	0.40	9.3
4.5	0.40	10.4
5	0.40	10.6
6	0.40	12.1
7	0.50	13.6
8	0.50	14.9
9	0.50	17.9
10	0.50	17.9
12	0.60	21.3
14	0.60	25.3
16	0.60	30.2
18	0.60	36.7
20	0.60	47.1
22	0.80	49.1
25	1.0	94.5
30	1.0	108
35	1.0	102
40	1.2	172
50	1.2	190
60	1.2	230

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%.