

BRAIDED INSULATING SLEEVINGS

VERY HIGH TEMPERATURE PROTECTIVE SLEEVINGS

SILIGAINÉ® GSIL

+1050 °C

ULTRA PURE SILICA FIBRE BRAIDED SLEEVING, NOT TREATED, NOT IMPREGNATED



Standards*

- IEC 60684-1 and 60684-2.

Applications

- Sheathing of transport rolls in annealing ovens for special glasses.
Does not affect the surface finishing of transported glass panes.
- Protection of wiring harnesses or ducting at very high temperature.
 - Industrial furnaces and air ovens.
 - Nuclear.

Options

- Other diameters: contact us.

Packaging

- Boxes of 100 m.

Characteristics

General

- Continuous operating temperature: +1050 °C.
- Peaks at: +1200 °C.
- Excellent thermal resistance.
- Excellent resistance to radiations.
- Low thermal expansion coefficient.
- High chemical resistance, especially to acids.
- Non-combustible.
- Good flexibility.
- Low density.
- Good resistance to atmospheric agents. UV, ozone, oxygen.
- Frays slightly when cut.

Chemical

- Silicon dioxide: > 99.9 %.
- Product guaranteed asbestos free.

Standard products

- Colour: white (natural).

INTERNAL DIAMETER

GSIL

Nominal value** (mm)	Approximate wall thickness (mm)	Approximate linear weight (kg/km)
1	0.40	2.8
2	0.40	5.2
3	0.40	5.6
4	0.40	7.5
5	0.40	8.4
6	0.40	12
7	0.50	13
8	0.50	15
10	0.60	26
12	0.60	22
14	0.60	25
16	0.60	34
18	0.60	38
20	0.60	42
25	0.60	43
30	0.80	52
40	0.80	67
45	0.80	73
50	1.0	81
60	1.0	93
75	1.0	176
83	1.0	195

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

**The extra flexibility of this type of sleeve negates any need to show tolerances on the internal diameter.

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The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force. For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.

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LES CABLES DE L'EXTREME