

CHARACTERISTICS

Physical-chemical

- Continuous working temperatures: - 30°C to + 450°C - Peaks at + 500°C.
- Fireproof.
- Very high flexibility.
- Good resistance to usual chemical atmospheres.
- Frays slightly when cut.

Electrical

- Dielectric strength: about 0.8 kV.
- N.B. this sleeving is neither impregnated nor coated, and only insulates by separation.

PRODUCTS

- Standard colour: silver grey (natural).

OPTIONS

- Other diameters up to 150 mm: consult us.
- Sleeving supplied in cut lengths: consult us.
- High-temperature treated sleeving, impregnated with silicone varnish: ref. 31C1.
- Fibreglass braided sleeving, not high-temperature treated, round: ref. 32.
- Fibreglass braided sleeving, not high-temperature treated, flat: ref. 33.

31-1 : braided fibreglass sleeving, high-temperature treated, not impregnated.
31-2 : double fibreglass braid, high-temperature treated, non impregnated.

STANDARDS* - APPROVALS

- UL 1441 / CSA C22.2 N°198.3 - VW1 approved
File number : E212701
- IEC 684-1, EN 60684-1 and IEC 684-2.
- IEC 684-3 part 300.
- NF C 93-641.

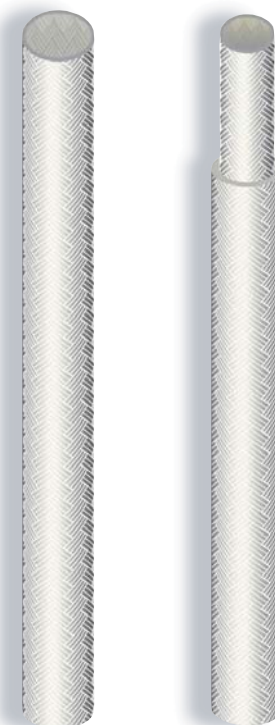


PACKAGING

- Diameter 0.5 to 8 mm: 100 m rolls.
- Diameter 9 to 12 mm: 50 m rolls.
- Diameter 14 to 16 mm: 25 m rolls.
- Diameter 18 to 45 mm: 100 m spools.

APPLICATIONS

- Heating elements (cartridges, bands, etc.) at very high temperature.
- Industrial electrothermal machines (furnaces, ovens, etc.).
- Domestic electrical heating appliances, cooking appliances.
- Sleeving of cable bundles subjected to very high temperatures.



INNER DIAMETER

Nominal value**
mm

SILIGAINE® 31-1

Minimum wall thickness Approx. linear weight
mm kg/km

SILIGAINE® 31-2

Minimum wall thickness Approx. linear weight
mm kg/km

INNER DIAMETER	SILIGAINE® 31-1	SILIGAINE® 31-2
Nominal value** mm	Minimum wall thickness mm	Approx. linear weight kg/km
0.5	0.15	1.50
0.8	0.15	1.80
1	0.25	1.90
1.5	0.25	2.30
2	0.25	3.10
2.5	0.25	3.90
3	0.25	4.80
3.5	0.25	5.60
4	0.25	7.60
4.5	0.25	8.00
5	0.30	10.0
6	0.30	12.0
7	0.30	14.0
8	0.30	15.0
9	0.30	17.0
10	0.45	18.0
12	0.45	24.0
14	0.45	33.0
16	0.55	42.0
18	0.55	45.0
20	0.55	57.0
25	0.55	60.0
30	0.55	70.0
35	0.55	80.0
40	0.55	105
45	0.55	110
50	0.55	125
	Minimum wall thickness mm	Approx. linear weight kg/km
	0.30	3.00
	0.30	3.60
	0.50	3.80
	0.50	4.60
	0.50	6.20
	0.50	7.80
	0.50	9.60
	0.50	11.2
	0.50	15.2
	0.50	16.0
	0.60	20.0
	0.60	24.0
	0.60	27.0
	0.60	30.0
	0.60	35.0
	0.90	36.0
	0.90	48.0
	0.90	66.0
	1.10	84.0
	1.10	90.0
	1.10	114
	1.10	120
	1.10	140
	1.10	160
	1.10	210
	1.10	220
	1.10	250

* Standards: our products meet all or some requirements of the above-mentioned standards - consult us. ** The extreme flexibility of this sleeving type makes it impossible to give tolerances on the inner diameter.

"Angivna värden är baserade på tillverkarens egna uppgifter och lämnas utan förbindelse."