

BRAIDED INSULATING SLEEVINGS

SILIGAINE® 15C3**-60 °C to +250 °C****Classes H and C**FIBREGLASS BRAIDED SLEEVING
WITH SILICONE RUBBER COATING**Standards***

- IEC 60684-1 and 60684-2.
 - IEC 60684-3 part 401.
- VERITAS approval certificate No. 153626.
 - UL approval, category UZIQ2: meets the requirements of the flame retardant test VW-1. (diameters from 0.5 to 16 mm) File no.: E212701.

Applications

- Internal cabling for rotating machines classes H and C (motors, alternators, generators, transformers, inductors, etc.).
 - All insulations up to 250°C permanent in the electric and electronic constructions, heating appliances, lighting, automobile, measuring, control, etc.

Options

- Other diameters: contact us.
 - Other colours: contact us.
- Aluminised silicone coating: SILIGAINE® 15C3 ALU.
 - Sleevings cut to length: contact us.

Packaging

- Diameters from 0.5 to 4.5 mm: 200 m rolls.
 - Diameter 5 mm: 100 m rolls.
- Diameters from 6 to 16 mm: 50 m spools.
- Diameters from 18 to 22 mm: 50 m spools.
- Diameters from 25 to 40 mm: 25 m spools.
 - Diameters > 40 mm: 20 m spools.

For this product, please contact:

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Tel. +33 (0)4 77 81 36 00 - Fax +33 (0)4 77 81 37 00
silisol@omerin.comELECTRIC INSULATING SLEEVINGS CLASS H and C
SILICONE RUBBER COATING**Characteristics****General**

- Continuous operating temperature: -60 °C to +250 °C.
- Good resistance to humidity, ozone and UV.
- Good resistance to common chemical environments.
- Compatible with most impregnation varnishes class H.
- Self-extinguishing - meets the requirements of test VW-1 as per standard UL 1441.
- Very good flexibility.
- Halogen-free.

Electrical

- Dielectric strength (dry): > 3 kV.

Standard products

- Colour : brick red.

INTERNAL DIAMETER

15C3

Nominal value (mm)	Tolerance (mm)	Minimum wall thickness (mm)	Approximate linear weight (kg/km)
0.5	± 0.15	0.20	2.4
0.8	± 0.15	0.20	3.0
1	± 0.20	0.20	3.4
1.5	± 0.20	0.20	4.5
2	± 0.20	0.25	5.7
2.5	± 0.20	0.25	6.9
3	± 0.20	0.25	8.2
3.5	± 0.25	0.25	9.6
4	± 0.25	0.30	11.1
4.5	± 0.25	0.30	12.6
5	± 0.25	0.30	14.2
6	± 0.25	0.40	17.5
7	± 0.25	0.40	21.1
8	± 0.25	0.40	24.9
9	± 0.50	0.50	29.0
10	± 0.50	0.50	33.3
12	± 0.50	0.50	54.6
14	± 1.0	0.50	77.2
16	± 1.0	0.60	92.7
18	± 1.0	0.75	112
20	± 1.0	0.75	134
22	± 1.0	0.90	158
25	± 1.0	0.90	197
30	± 2.0	1.00	267
35	± 2.0	1.10	327
40	± 3.0	1.30	389
45	± 4.0	1.50	480
50	± 5.0	1.60	580

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

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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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