

SILIGAIN 15C

- 1 - Fibreglass braided sleeving
2 - Silicone rubber coating

CHARACTERISTICS

Physical-chemical

- Continuous working temperatures: - 60 °C to + 250°C. Peaks at + 290°C.
- Good resistance to humidity, ozone, and UV.
- Good resistance to usual chemical atmospheres.
- Compatible with most class H impregnation varnishes.
- Self-extinguishing.
- Very high flexibility.

Electrical

- Dielectric strength:
- 15C2 : ≥ 2 kV.
- 15C3 : ≥ 3 kV.
- 15C4 : ≥ 4 kV.
- 15C5 : ≥ 5 kV.
- 15C7 : ≥ 7 kV.
- 15C10 : ≥ 10 kV.

PRODUCTS

- Standard colour: brick red.
- Other colours on request: white, black.

OPTIONS

- Other colours: consult us.
- Other diameters: consult us.
- Sleeving supplied in cut lengths: consult us.
- Double braid with outer silicone coating: ref. 21C2.b
- Triple braid with outer silicone coating: ref. 21C3.

NORMES* - HOMOLOGATIONS

- NF C 93-641 and UTE C 93-641.
- IEC 60684-1, EN 60684-1 and IEC 60684-2.
- IEC 60684-3 parts 400 to 402.
- VERITAS inspection certificate N° 153626.
- UL 1441 / CSA C22.2 N° 198.3 listed series:
 - 15C7 : Grade A silicone coated fiberglass sleeving
 - 15C2 / 15C3 / 15C4 : Compy with UL/VW1 flammability classification.



PACKAGING

- Diameter 0.5 to 4.5 mm: 200 m rolls.
- Diameter 5 to 20 mm: 100 m spools.
- Diameter 22 to 25 mm: 50 m spools.
- Diameter 30 to 40 mm: 25 m max. spools.

APPLICATIONS

- Internal cabling of class H and C rotating machines (motors, alternators, generators, transformers, inductors, etc.).
- Any insulation up to 250°C (permanent) in electrical and electronic construction wiring, heating apparatus, lighting, cars, measurement and control, etc.
- Heat insulation of bundles of cables, connections, tubing and any pipes designed for high temperatures.



INNER DIAMETER		15C2			15C3			15C4	15C5	15C7	15C10
Nominal value mm	Tolerance mm	Wall thickness min mm	max mm	Approx. linear weight kg/km	Wall thickness min mm	max mm	Approx. linear weight kg/km		Nominal wall thickness mm		
0.5	± 0.15	0.15	0.50	2.80	0.20	0.50	4.40	0.50	0.55	0.70	0.90
0.8	± 0.15	0.15	0.50	3.20	0.20	0.50	4.80	0.50	0.55	0.70	0.90
1	± 0.20	0.15	0.60	3.80	0.20	0.60	5.00	0.50	0.55	0.70	0.90
1.5	± 0.20	0.15	0.60	4.50	0.20	0.60	5.80	0.50	0.55	0.70	0.90
2	± 0.20	0.15	0.65	5.00	0.20	0.70	6.60	0.50	0.55	0.70	0.90
2.5	± 0.20	0.15	0.65	6.10	0.20	0.70	7.60	0.50	0.55	0.70	0.90
3	± 0.20	0.15	0.65	7.70	0.20	0.70	9.30	0.60	0.55	0.70	0.90
3.5	± 0.25	0.15	0.65	9.60	0.20	0.70	11.3	0.60	0.60	0.80	0.90
4	± 0.25	0.20	0.65	13.2	0.30	0.70	14.8	0.60	0.60	0.85	1.00
4.5	± 0.25	0.20	0.65	14.6	0.30	0.70	15.8	0.60	0.60	0.85	1.10
5	± 0.25	0.20	0.65	15.0	0.30	0.70	16.3	0.60	0.70	0.85	1.10
6	± 0.25	0.20	0.65	17.0	0.30	0.70	20.0	0.60	0.75	0.95	1.10
7	± 0.25	0.20	0.80	23.0	0.30	0.90	25.0	0.60	0.75	0.95	1.10
8	± 0.25	0.20	0.80	25.0	0.30	1.00	28.0	0.60	0.80	0.95	1.20
9	± 0.50	0.20	0.80	29.0	0.30	1.00	31.0	0.80	0.80	1.05	1.20
10	± 0.50	0.40	1.00	34.0	0.40	1.00	36.0	0.80	0.90	1.15	1.30
12	± 0.50	0.40	1.20	45.0	0.40	1.20	48.0	0.80	1.00	1.25	1.30
14	± 1.00	0.40	1.20	59.0	0.40	1.20	63.0	0.80	1.05	1.35	1.45
16	± 1.00	0.40	1.20	76.0	0.40	1.20	80.0	0.90	1.25	1.55	1.65
18	± 1.00				0.40	1.20	99.0	1.00	1.25	1.55	1.85
20	± 1.00				0.40	1.20	118	1.00			
22	± 1.00				0.40	1.40	140	1.00			
25	± 1.00				0.40	1.40	216	1.20			
30	± 2.00				0.40	1.60	247	1.30			
35	± 2.00				0.40	1.60	312	1.50			
40	± 2.00				0.40	1.60	340				

* Standards: our products meet all or part of the requirements of the above-mentioned standards - consult us.