SCS

Glass fibre braided sleeving coated with silicone rubber

Standards*

- Compliant with directive RoHS 2011/65/EU
- F1 and I2 according to the standards NF F 16-101/16-102 and STM S-001
- HL2 / R22 - R23 required, according to the railway standard EN 45545
- NF EN 60695-2 -10 (05-2001)
- NF EN 60695-2 -11 (07-2001)
- NF EN 60684-1 (10-2003)
- NF EN 60684-2 (07-2012)
- NF EN (CEI) 60684-3 sheets 400 to 402 (02/2003)
- **Option** : Homologation UL 1441 / CSA C22.2 N°198.3
  SCS UL : Flame retardant test approved, VW-1 (vertical test)
  File number : UZIQ2 - E235042
  SCS7KV : Grade A silicone coated fiberglass sleeving, rated 200°C, 600Volts
  File number : UZFT2/8 - E194299

Characteristics

- Temperature class : C
- Continuous working temperature : from -60°C to +250°C. Peaks at +290°C (few hours)
- Dielectric strength : 1.5 to 15kV
- Flammability : self-extinguishing
- Good mechanical resistance
- Good resistance to UV
- Resistant to transformer oils
- Good compatibility with class C impregnation varnishes
- Good behaviour with soldering iron
- Good behaviour with liquid fuels : no decomposition
- Halogen free
- Watertight
- Very flexible

Applications

Colours and packagings

- Manufactured diameters : from 0.5 to 45 mm
- Other colours : green, blue, red, orange, yellow, white, grey

- Standard packaging : Rolls
  - diameter 0.5 to 4 mm : 200 m
  - diameter 4.5 to 12 mm : 100 m
  - diameter 14 to 20 mm : 50 m
  - diameter 22 to 45 mm : 30 m

Options

- The reference SCS can be overbraided with fibre glass or polyester yarn and varnish with a varnish of our range.

Inner diameter (mm)	0.5	0.8	1	1.5	2	2.5	3	3.5	4	5	6	7	8	9	10	12	14	16	18	20	22	25	30	35	40	45
Tolerance inner diameter (± mm)	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.25	0.25	0.25	0.25	0.25	0.5	0.5	0.5	0.5	1	1	1	1	1	1	1	1	1

**Our products pass all or parts of requirements for the above-mentioned standards. The technical information written on our datasheets correspond to the most recent knowledges we have on those products, but the user is not exempted to verify the performances in the real particular context of application.*