

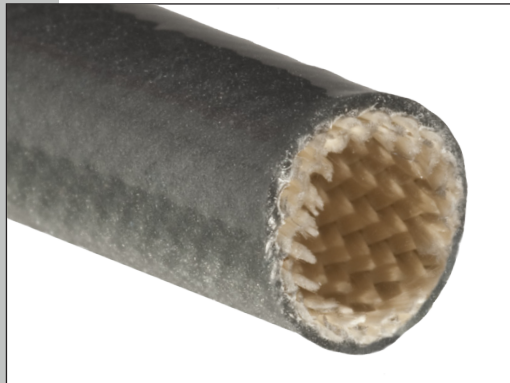
 Relats HQ	 +34 938 627 510	 relatshq@relats.com
Relats China	+86 512 8155 7766	relatschina@relats.com
Relats México	+52 472 748 91 00	relatsmexico@relats.com
Relats Maroc	+212 539 398 850	relatsmaroc@relats.com

SLEEVINGS FOR THERMAL, ELECTRICAL, MECHANICAL & EMI APPLICATIONS

SPECIFICATIONS:

· UL1441

APPLICATION:

Electrical cables or hydraulic, gas and lubricant conduits can be seriously damaged by flames, high temperatures or splashes of melted metal in their surroundings. By means of its thick fiberglass wall and coating with self-extinguishing silicone rubber, REVITEX Fire Sleeve guarantees a high degree of thermal insulation and mechanical protection. Its great resistance to hydrocarbons, oils, fuel, acids and solvents combined with its thermal properties make it an ideal product for the insulation of components in automotive applications.

FIRESLLEEVE ALUMINIZED, in addition, the aluminium pigment provides the product with a great capacity of reflecting radiating heat, keeping inside temperatures relatively low.

www.relats.com

DESCRIPTION:

VSCTE: Fiberglass sleeving, thick wall, coated with self-extinguishing silicone rubber, that guarantees a high degree of thermal insulation. Thermal Class 250.

VSCTE AL: Fiberglass sleeving, thick wall, coated with self-extinguishing silicone rubber. Silicone rubber contains heat reflecting aluminium pigments. The aluminium coating refracts radiating heat, whereas at the same time the thick fiberglass braid inside provides excellent insulating properties. Thermal Class 250.

OPERATING TEMPERATURE: -70°C to +235°C
Peaks at +300°C

ITS MAIN FEATURES ARE:

- Heavy wall construction
- High thermal insulation, heat barrier
- Total wall thickness: 2 mm (there is a version with a 4 mm wall thickness)
- Halogen free
- Self-extinguishing
- Non-fraying
- Flexible
- Excellent chemical resistance to oils, fluids and aggressive agents
- **VSCTE AL:** Smooth and bright surface, heat reflection

NOTE: Colour tone may vary. This does not affect technical properties of sleeve.

REVITEX VSCTE & VSCTE AL

REVITEX VSCTE & VSCTE AL

PUT UP:

On spools of variable length, depending on the diameter of the sleeving. On request in cut lengths or spools.

HANDLING:

Care should be taken to minimize dust formation during handling and cutting this glass based material as dust or broken particles may cause skin irritation. The use of barrier creams on exposed areas will minimize the risk of skin irritation. For product safety data and product disposal advice, see separate Safety Data Sheet.

NOTES:

This information and data is believed to be accurate and reliable. We place at your disposal the technical information necessary for the correct use of our products and offer the possibility of simulating in our laboratory the conditions of many applications, in order to advise on the suitability of our products. As conditions and methods of use are beyond our control, the user must confirm suitability before adopting our products for commercial use. We reserve the right to modify characteristics with the aim of improving the product and adapting it to the requirements of the market.

TECHNICAL CHARACTERISTICS:

Property	Test	Result
Ageing Resistance	Simulation of real operating conditions	After the process of accelerated thermal ageing: 60 days at +235°C 7 days at +265°C there are neither cracks nor deformations to be observed on the surface of the silicone rubber coating and the values obtained for dielectric strength meet the values required in UL 1441.
Thermal Overcharges	Simulation of real operating conditions	20 minutes at +1090°C 15 seconds at +1640°C
Flammability	UL 1441	Pass the following tests: Test HS: Sleeving in horizontal position Test VW-1: Sleeving in vertical position
Cold Resistance	UL 1441 (winding test): 1 hour at -10°C	There are neither cracks nor deformations to be observed on the surface of the silicone rubber coating
Humidity Resistance	UL 1441	After submitting the sleeving to humid test conditions it does not become flabby, nor does its surface become tacky
Chemical Resistance	UL 1441	Passes the values required for dielectric strength after the immersion tests ASTM oil n°2 under the following conditions: 96 hours at +100 °C; 60 days at +80 °C
	Simulation of real operating conditions (tested with commercial products, simulating the real operating conditions of ours costumers applications)	Excellent resistance to hydrocarbons, fuels, oils solvents and aggressive chemical agents in general. Excellent resistance to impregnation varnishes and resins, air-drying as well as oven-drying types.
Thermal Insulation	SAE J2302	T emitter: +482 °C ΔT (°C) > +20 °C

DIMENSIONS:

Reference	Size (mm)	Standard Packaging (m)
VSCTE__060	6,0	100
VSCTE__080	8,0	50
VSCTE__100	10,0	50
VSCTE__120	12,0	50
VSCTE__140	14,0	50
VSCTE__160	16,0	50
VSCTE__180	18,0	50
VSCTE__200	20,0	25
VSCTE__220	22,0	25
VSCTE__250	25,0	25
VSCTE__300	30,0	25
VSCTE__350	35,0	25
VSCTE__400	40,0	20
VSCTE__450	45,0	15
VSCTE__500	50,0	15
VSCTE__550	55,0	15
VSCTE__600	60,0	15

NOTE: Standard Colour (___): RT Brick red, AL Aluminium
Other diameters supplied upon request.