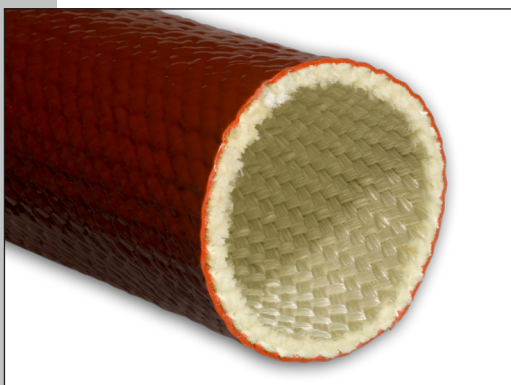


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SLEEVINGS FOR THERMAL, ELECTRICAL, MECHANICAL & EMI APPLICATIONS



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 this thick fiberglass wall and coating with self-extinguishing silicone rubber, REVITEX Fire Sleeve guarantees a higher 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.

DESCRIPTION:

Fiberglass sleeving, thick wall, coated with self extinguishing silicone rubber, that guarantees a high degree of thermal insulation. Thermal Class 250°C (482°F).

OPERATING TEMPERATURE: -70°C to +235°C
(-94°F to +455°F)
Peaks at +300°C (+572°F)

ITS MAIN FEATURES ARE:

- Heavy wall construction
- Halogen free
- High thermal insulation, heat barrier
- Self-extinguishing
- Non fraying
- Flexible
- Minimum wall thickness: 2mm (0.079 in)
- Excellent resistance to oils, fluids and aggressive chemical agents

REVITEX VSCTE RW

PUT UP:

On coils 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.

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TECHNICAL CHARACTERISTICS:

Property	Test	Result
Ageing Resistance	Simulation of real operating conditions	After the process of accelerated thermal ageing: 60 days at +235°C (+455°F) 7 days at +265°C (+509°F) 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 UL1441.
Thermal Overcharge	Simulation of real operating conditions	20 minutes at +1090°C (+1994°F) 15 seconds at +1640°C (+2984°F)
High temperature ageing resistance	Simulation of real operating conditions	VSCTE: After long exposure at high temperature, 80 days at 260°C, product remains flexible
Flammability	UL 1441	Passes the flame tests: Test HS: Sleeving in horizontal position Test VW-1: Sleeving in vertical position
Cold Resistance	UL 1441 (winding test): 1 hour at -70°C (-94°F)	There are neither cracks nor deformations to be observed on the surface of the silicone rubber coating
Chemical Resistance	UL 1441	Passes the values required for dielectric strength after the immersions tests with ASTM oil n° 2 under the following conditions: 96 hours at +100°C (+212°F) 60 days at +82°C (+180°F)
	Simulation of real operating conditions (tested with commercial products, simulating conditions of ours customers applications)	Excellent resistance to hydrocarbons, fuels, oils, solvents and aggressive chemical agents in general. Excellent resistance to impregnating varnishes and resins, air-drying as well as oven-drying types
Smoke Density	NF X 10-702-2 1995 NF X 10-702-1 1995	VOF4: 115,0 Dm: 113,8
Gas Toxicity	NF X - 70-100-1 2006 NF X - 70-100-2 2006	Conventional Toxicity Index ITC: 6,15
Oxygen Index	NE EN ISO 4589-2 1999	IO: 32,8%
Smoke Class	NF F 16-101	Smoke Index IF: 8; Smoke Class: F1 Reaction to fire Class: I2

Revitex VSCTE RW conforms UNI CEI 11170-3 as per above tests carried on LAPI Laboratories

DIMENSIONS:

Reference	Size (mm) (in)	Standard packaging (m) (ft)
VSCTE__040	4,0 (5/32")	100 (328)
VSCTE__060	6,0 (15/64")	100 (328)
VSCTE__080	8,0 (5/16")	100 (328)
VSCTE__100	10,0 (25/64")	100 (328)
VSCTE__120	12,0 (15/32")	50 (164)
VSCTE__140	14,0 (35/64")	50 (164)
VSCTE__160	16,0 (5/8")	50 (164)
VSCTE__180	18,0 (45/64")	50 (164)
VSCTE__200	20,0 (25/32")	25 (82)
VSCTE__220	22,0 (55/64")	25 (82)
VSCTE__250	25,0 (63/64")	25 (82)
VSCTE__300	30,0 (1 3/16")	25 (82)
VSCTE__350	35,0 (1 3/8")	25 (82)
VSCTE__400	40,0 (1 37/64")	15 (49)
VSCTE__450	45,0 (1 49/64")	15 (49)
VSCTE__500	50,0 (1 31/32")	15 (49)
VSCTE__550	55,0 (2 11/64")	15 (49)
VSCTE__600	60,0 (2 23/64")	15 (49)
VSCTE__650 (*)	65,0 (2 9/16")	15 (49)
VSCTE__700 (*)	70,0 (2 3/4")	15 (49)
VSCTE__750 (*)	75,0 (2 61/64")	15 (49)
VSCTE__800 (*)	80,0 (3 5/32")	15 (49)
VSCTE__850 (*)	85,0 (3 11/32")	15 (49)
VSCTE__900 (*)	90,0 (3 35/64")	15 (49)
VSCTE__950 (*)	95,0 (3 47/64")	15 (49)

NOTE: Standard Colours: Black, Brick-red, Aluminium. Other diameters supplied upon request. (*) Under development

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