

## PROTECTIVE SLEEVING

### REVITEX VSC

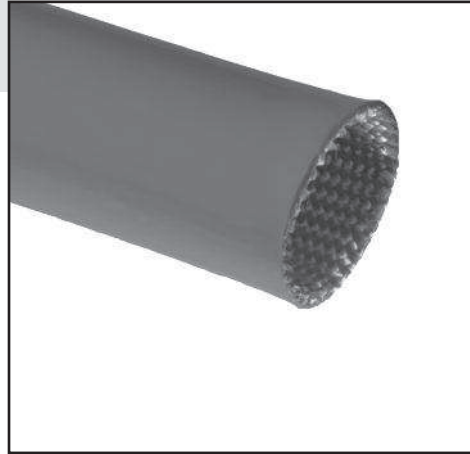
Thermal and electrical insulating sleeveings

#### Applications

Ideal thermal and electrical insulating material for points and appliances at high temperatures with thermal overcharges (incandescent lamps, domestic appliances, carbon brush flexible), chemical resistance and dielectric strength of silicone elastomer. It exhibits exceptional high and low temperature properties.

#### Description

Sleeving made of a special silicone rubber coated fiberglass braid. This is a Class 200 electrical insulating sleeving available in three voltage grades. Additionally, a UL approved grade is manufactured (see separated data).



#### 4 Features & Benefits

- Halogen free
- Self-extinguishing VW 1
- Highly flexible
- Excellent chemical resistance to oils, fluids and aggressive chemical agents

#### Operating Temperature

- -40°C to +235°C, peaks at +300°C

#### Specifications

- IEC 60684-3 sheets 400-402
- UL 1441

#### 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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#### Dielectric Strength

Test	Method	VSC25 2.5 kV grade	VSC40 4.0 kV grade
		Minimum	Minimum
IEC 60684	250 mm. Inst. B / D Central Value (kV)	3.0	5.0
IEC 60684	250 mm. Inst. B / D Lowest Value (kV)	2.5	4.0
UL 1441	25 mm. Inst. B / D (kV)	4.0	5.0

#### Technical Characteristics

Property	Test	Result
Heat Resistance	UL 1441: 7 days at 265°C 60 days at 235°C	No cracking or detachment of coating shall be visible and the original colors shall be clearly recognizable
Flammability	Flame propagation: IEC 60684 Part 2 clause 26 Method B Vertical without mandrel  UL 1441	Extinguishes within 60 seconds  Self-extinguishing VW 1 (sleeving in vertical position)
Cold Resistance	Bending at low temperature IEC 60684 Part 2 Clause 14	No cracking or detachment of coating shall be visible
Chemical Resistance	Simulation of real operating conditions	Compatible with most insulating varnishes and transformer oils

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#### Dimensions

Reference	Nominal Bore (mm)	Bore Tolerance (mm)	Minimum Wall Thickness (mm)	Standard Packaging (m)
VSC__005	0.5	+ 0.20	0.20	400.00
VSC__008	0.8	+ 0.20	0.20	400.00
VSC__010	1.0	+ 0.20	0.30	400.00
VSC__015	1.5	+ 0.20	0.30	200.00
VSC__020	2.0	+ 0.20	0.30	200.00
VSC__025	2.5	+ 0.20	0.30	200.00
VSC__030	3.0	+ 0.20	0.30	200.00
VSC__035	3.5	+ 0.30	0.30	200.00
VSC__040	4.0	+ 0.30	0.30	200.00
VSC__045	4.5	+ 0.30	0.40	200.00
VSC__050	5.0	+ 0.30	0.40	200.00
VSC__060	6.0	+ 0.30	0.40	200.00
VSC__070	7.0	+ 0.30	0.40	200.00
VSC__080	8.0	+ 0.30	0.45	100.00
VSC__090	9.0	+ 0.50	0.45	100.00
VSC__100	10.0	+ 0.50	0.45	100.00
VSC__110	11.0	+ 0.50	0.45	100.00
VSC__120	12.0	+ 0.50	0.60	50.00
VSC__130	13.0	+ 0.50	0.60	100.00
VSC__140	14.0	+ 0.50	0.60	50.00
VSC__150	15.0	+ 0.50	0.60	50.00
VSC__160	16.0	+ 1.00	0.60	50.00
VSC__180	18.0	+ 1.00	0.60	50.00
VSC__200	20.0	+ 1.00	0.60	50.00

**Note:** Standard color: Black and red-brown. Other diameters supplied upon request.