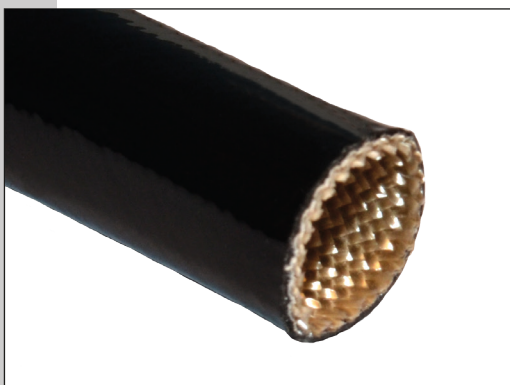# relats

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REVITEX VSC40

SLEEVINGS FOR THERMAL, ELECTRICAL, MECHANICAL & EMI APPLICATIONS

SPECIFICATIONS:

· IEC60684-3 sheets 400-402
· UL1441

APPLICATION:

Ideal thermal and electrcal insulating material for points and appliances operating at high temperatures with thermal overcharges (incandescent lamps, domestic appliances, carbon brush flexible). This sleeving combines the good mechanical resistance of fiberglass braid with the flexibility, 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.

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

ITS MAIN FEATURES ARE:

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

REVITEX VSC40

NOTE: Colour tone may vary. This does not affect technical properties of sleeve. Relats does not establish maximum wall thickness value.

REVITEX VSC40

PUT UP:

On spools of variable length, depending on the diameter of the sleeving. On request in cut lenghts 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 beyound 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.

DIELECTRIC STRENGTH:

Test	Method	VSC40 4,0 kV grade minimum
IEC60684	250 mm. Inst. B / D Central Value (kV)	5,0
IEC60684	250 mm. Inst. B / D Lowest Value (kV)	4,0
UL 1441	25 mm. Inst. B / D (kV)	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: IEC60684 Part 2 Clause 26 Method B Vertical without mandrel	Extinguishes within 60 seconds
	UL 1441	Self-extinguishing (sleeving in vertical position)
Cold Resistance	Bending a low temperature. IEC 60684 - Part 2 Clause 14 at -70°C	No cracking or detachment of coating shall be visible
Chemical Resistance	Simulation of real operating conditions	Compatible with most insulating varnishes and transformer oils

DIMENSIONS:

Reference	Nominal bore (mm)	Bore Tolerance (mm)	Minimum wall thickness (mm)	Standard Packaging (m)
VSC40__005	0.5	+ 0.20	0.20	400
VSC40__008	0.8	+ 0.20	0.20	400
VSC40__010	1.0	+ 0.20	0.30	400
VSC40__015	1.5	+ 0.20	0.30	200
VSC40__020	2.0	+ 0.20	0.30	200
VSC40__025	2.5	+ 0.20	0.30	200
VSC40__030	3.0	+ 0.20	0.30	200
VSC40__035	3.5	+ 0.30	0.30	200
VSC40__040	4.0	+ 0.30	0.30	200
VSC40__045	4.5	+ 0.30	0.40	200
VSC40__050	5.0	+ 0.30	0.40	200
VSC40__060	6.0	+ 0.30	0.40	200
VSC40__070	7.0	+ 0.30	0.40	200
VSC40__080	8.0	+ 0.30	0.45	100
VSC40__090	9.0	+ 0.50	0.45	100
VSC40__100	10.0	+ 0.50	0.45	100
VSC40__110	11.0	+ 0.50	0.45	100
VSC40__120	12.0	+ 0.50	0.45	100
VSC40__130	13.0	+ 0.50	0.60	100
VSC40__140	14.0	+ 0.50	0.60	50
VSC40__150	15.0	+ 0.50	0.60	50
VSC40__160	16.0	+ 1.00	0.60	50
VSC40__180	18.0	+ 1.00	0.60	50
VSC40__200	20.0	+ 1.00	0.90	50
VSC40__220	22.0	+ 1.00	1.00	25
VSC40__250	25.0	+ 1.20	1.00	25

NOTE: Standard Colour (__): NE Black and RT Red-brown
Other diameters supplied upon request.