

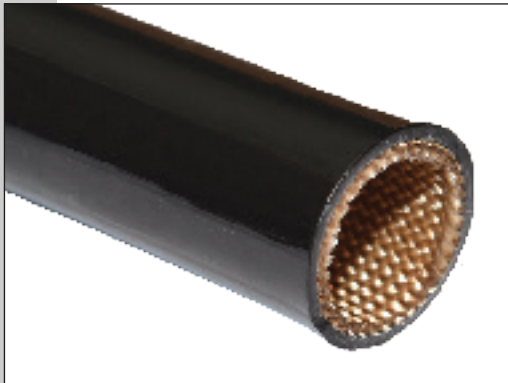
 Relats HQ	 +34 938 627 510	 relatshq@relats.com
Relats UK	+44 1495 271 161	relatsuk@relats.com
Relats China	+86 512 8155 7766	relatschina@relats.com
Relats México	+52 472 748 91 00	relatsmexico@relats.com
Relats Maroc	+212 539 398 850	relatsmaroc@relats.com

## SLEEVINGS FOR THERMAL, ELECTRICAL, MECHANICAL & EMI APPLICATIONS



UL and cUL  
recognized  
File: n° E 121222



### SPECIFICATIONS:

- IEC60684-3 sheets 400-402
- UL1441
- EN 45545-2 2013

### APPLICATION:

Ideal thermal and electrical insulating material for points and appliances 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, Grade A (7000V), UL and cUL recognized under file n. E121222. This is a Class 200 electrical insulating sleeving, rated 200°C and 600V.

### OPERATING TEMPERATURE:

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

### ITS MAIN FEATURES ARE:

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

# REVITEX VSC75 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.

## DIELECTRIC STRENGTH:

Test	Method	Guaranteed values	Values obtained in the UL test report
UL 1441	At room temperature, before thermal ageing	8,0 kV	10,4 kV
UL 1441	After 7 days at +265°C	6,5 kV	12,8 kV
UL 1441	After 60 days at +235°C	6,5 kV	12,8 kV

## TECHNICAL CHARACTERISTICS:

Property	Test	Result
Heat Resistance	UL1441: 7 days at +265°C (+509°F) 60 days at +235°C (+455°F) 1 hour at +300°C (+572°F)	No cracking or detachment of coating shall be visible and the original colors shall be clearly recognizable.
Cold Resistance	Bending at low temperature IEC60684 - Part 2 Clause 14 at -70°C (-94°F)	No cracking or detachment of coating shall be visible.
Chemical Resistance	Resistance to hydrocarbons (UL1441): After 96 h. at +100°C in ASTM oil n.2 After 96 h. at +80°C in ASTM oil no.2 Resistance to impregnation varnishes and resins (UL1441)	16.000 V 16.000 V Excellent
Smoke Density	ISO 5659-2	Ds max: 70
Gas Toxicity	NF X - 70-100-1 2006 NF X - 70-100-2 2006	Conventional Toxicity Index ITC: 6,15
Oxygen Index	NF EN ISO 4589-2 1999	I O: 32,8%
Smoke Class	NF F 16-101	Smoke Index IF: 8; Smoke Class: F1; Reaction to fire Class: I2
Fire Behaviour	EN 45545-2-2013	R22&R23: Havard level HL1, HL2, HL3

## DIMENSIONS:

Reference	Nominal diameter (mm) (in)	Bore tolerance (mm) (in)	Minimum Wall thickness (mm) (in)	Standard packaging (m) (ft)
VSC75__005	0,5 (1/64")	+0,20 (0.008")	0,28 (0.011")	200,00 (656)
VSC75__010	1,0 (3/64")	+0,30 (0.012")	0,38 (0.015")	200,00 (656)
VSC75__020	2,0 (5/64")	+0,30 (0.012")	0,38 (0.015")	200,00 (656)
VSC75__025	2,5 (3/32")	+0,30 (0.012")	0,46 (0.018")	200,00 (656)
VSC75__030	3,0 (1/8")	+0,30 (0.012")	0,46 (0.018")	200,00 (656)
VSC75__035	3,5 (9/64")	+0,30 (0.012")	0,46 (0.018")	200,00 (656)
VSC75__040	4,0 (5/32")	+0,40 (0.016")	0,51 (0.020")	200,00 (656)
VSC75__050	5,0 (13/64")	+0,50 (0.020")	0,51 (0.020")	100,00 (328)
VSC75__070	7,0 (9/32")	+0,50 (0.020")	0,51 (0.020")	100,00 (328)
VSC75__080	8,0 (5/16")	+0,60 (0.024")	0,64 (0.025")	100,00 (328)
VSC75__100	10,0 (25/64")	+0,60 (0.024")	0,64 (0.025")	100,00 (328)
VSC75__120	12,0 (15/32")	+0,60 (0.024")	0,64 (0.025")	50,00 (164)
VSC75__140	14,0 (35/64")	+0,70 (0.028")	0,64 (0.025")	50,00 (164)
VSC75__180	18,0 (45/64")	+0,70 (0.028")	0,64 (0.025")	50,00 (164)
VSC75__200	20,0 (25/32")	+0,90 (0.035")	0,64 (0.025")	50,00 (164)
VSC75__220	22,00 (55/64")	+0,90 (0.035")	0,64 (0.025")	25 (82)
VSC75__250	25,0 (63/64")	+0,90 (0.035")	0,64 (0.025")	25 (82)
VSC75__300	30 (1 3/16")	+1,00 (0.039")	1,00 (0.039")	25 (82)
VSC75__350	35 ( 1 3/8")	+1,00 (0.039")	1,00 (0.039")	25 (82)

**NOTE:** Standard colour ( \_\_ ): NE Black; RT Red-brown; BC White  
Other diameters supplied upon request.