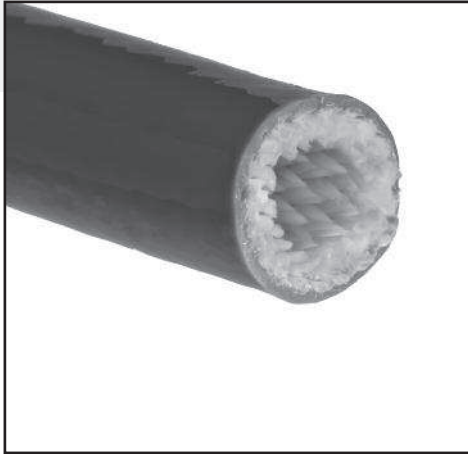


## PROTECTIVE SLEEVING

### REVITEX CONFORM – A VSX 75

Sleeving for thermal, electrical, mechanical & EMI application



#### Applications

Ideal thermal and electrical insulating material for points and appliances operating at high temperatures with thermal overcharges. Combines the good mechanical resistance of fiberglass braid with the flexibility, chemical stability and dielectric strength of silicone elastomer.

#### Description

Sleeving made of a special silicone rubber coated fiberglass braid, with allows to expand it to the double of its original size, Grade A (7,000V), UL and cUL recognized under file n. E121222. This is a Class 200 electrical insulating sleeving, rated 200°C and 600V.

#### 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.

#### Features & Benefits

- Halogen free.
- Self-extinguishing VW 1
- Highly flexible
- Excellent chemical resistance to oils, fluids and aggressive chemical agents.
- The sleeving expands to the double of its nominal diameter, maintaining its initial properties and adapting itself to the shape of the object to be jacketed
- Expansion ratio 1:2

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

#### Operating Temperature

- -25°C to +235°C, peaks at +300°C

#### Specifications

- 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.

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#### Dielectric Strength (25 mm int. B/D (kV))

Test	Method	Guaranteed values	Values obtained in the UL test report
UL 1441	At room temperature, before thermal ageing	9,0 kV	13,9 kV
UL 1441	After 7 days at 265°C	7,0 kV	15,3 kV
UL 1441	After 60 days at 235°C	7,0 kV	16,0 kV
UL 1441	Expanded	8,5 kV	9,3 kV

#### Technical Characteristics

Property	Test	Result
Heat Resistance	UL 1441: 7 days at 265°C 60 days at 235°C 1 hour at 300°C	No cracking or detachment of coating shall be visible and the original colors shall be clearly recognizable
Flammability	Flame propagation IEC 606684 Part 2 Clause 26 Method B Vertical without mandrel  UL 1441	Extinguishes within 60 seconds  Self-extinguishing VW 1 or FT-1 (sleeving in vertical position)
Cold Resistance	Bending at low temperature IEC 60684 Part 2 Clause 14 at -70°C  UL 1441 (cold bend test)	No cracking or detachment of coating shall be visible  No cracks after 1 hour at -30°C
Humidity Resistance	336 hours at +70°C	No softening
Chemical Resistance	Resistance to hydrocarbons (UL1441): After 96 h. at +100°C in ASTM oil n.2 After 1440 h. at +80°C in ASTM oil n.2 Resistance to impregnation varnishes and resins (UL1441)	14,000 V 13,200 V  Excellent

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#### Dimensions

Reference	Nominal Bore (mm)	Bore Tolerance (mm)	Minimum Wall Thickness (mm)	Standard Packaging (m)
VSX75_ _ 020	2	± 0.20	0.50	200
VSX75_ _ 030	3	± 0.20	0.50	200
VSX75_ _ 040	4	± 0.30	0.50	200
VSX75_ _ 060	6	± 0.30	0.75	100
VSX75_ _ 080	8	± 0.30	0.75	100
VSX75_ _ 100	10	± 0.50	0.80	100
VSX75_ _ 120	12	± 0.50	0.80	50
VSX75_ _ 140	14	± 0.50	0.80	50
VSX75_ _ 160	16	± 1.00	0.80	50
VSX75_ _ 180	18	± 1.00	0.80	50
VSX75_ _ 200	20	± 1.00	0.80	25
VSX75_ _ 220	22	± 1.00	0.80	25
VSX75_ _ 250	25	± 1.00	0.80	25

**Note:** Standard color: Black, White and Red-brown (Other colors on request)  
Other diameters supplied upon request.

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