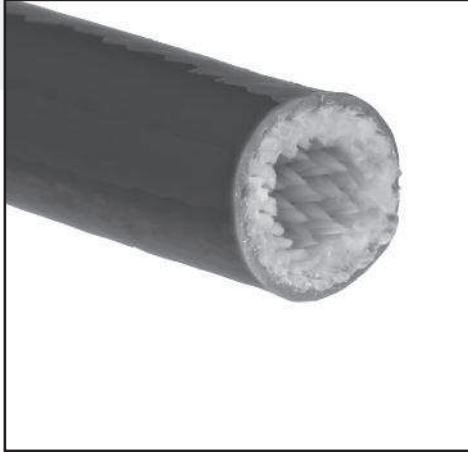


PROTECTIVE SLEEVING

REVITEX CONFORM – B VSX 40

Sleeving for thermal, electrical, mechanical & EMI applications



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.

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. It exhibits exceptional high and low temperature properties. The sleeving expands 1.6 its nominal diameter, maintaining its initial properties and adapting itself to the shape of the object that is to be jacketed.

Description

Sleeving made of a special silicone rubber coated fiberglass braid, its unique construction allows expanding 1.6 times its original size.

Features & Benefits

- Halogen free
- Self-extinguishing VW 1
- Excellent chemical properties
- Highly flexible
- Expansion ratio 1:1.6

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

Operating Temperature

- -40°C to +235°C, peaks at +300°C

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

Test	Method	Nominal	Expand
IEC 60684	250 mm. Inst. B / D Central Value (kV)	5.0	3.0
IEC 60684	250 mm. Inst. B / D Lowest Value (kV)	4.0	2.5
UL 1441	25 mm. Inst. B / D (kV)	7.0	4.0

Technical Characteristics

Property	Test	Result
Heat Resistance	UL 1441: 7 days at 265°C 1 hour at 300°C	No cracking or detachment of coating shall be visible and the original colors shall be clearly recognizable.
Flammability	UL 1441	Self-extinguishing VW 1
Cold Resistance	Bending at low temperature IEC 60684 Part 2 Clause 14	After 1 hour at -40°C there are no cracks.
Chemical Properties	Simulation of real operating conditions	Resistance to oils, solvents, varnishes and aggressive chemical agents in general.
Chemical Resistance	After 96 h. at +100°C in ASTM oil n.2	Resistance to oils, solvents, varnishes and aggressive chemical agents in general.

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Dimensions

Reference	Nominal Bore (mm)	Bore Tolerance (mm)	Minimum Wall Thickness (mm)	Standard Packaging (m)
VSX40_ _ 020	2	+ 0.20	0.50	200
VSX40_ _ 030	3	+ 0.20	0.50	200
VSX40_ _ 040	4	+ 0.30	0.50	200
VSX40_ _ 060	6	+ 0.30	0.60	100
VSX40_ _ 080	8	+ 0.30	0.60	100
VSX40_ _ 100	10	+ 0.50	0.75	100
VSX40_ _ 120	12	+ 0.50	0.75	50
VSX40_ _ 140	14	+ 0.50	0.75	50
VSX40_ _ 160	16	+ 1.00	0.75	50
VSX40_ _ 180	18	+ 1.00	0.75	50
VSX40_ _ 200	20	+ 1.00	0.75	25
VSX40_ _ 220	22	+ 1.00	0.90	25
VSX40_ _ 250	25	+ 1.00	0.90	25

Note: Standard color: Black, White and Red-brown