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REVITEX GUF VPG80

SLEEVINGS FOR THERMAL, ELECTRICAL, MECHANICAL & EMI APPLICATIONS

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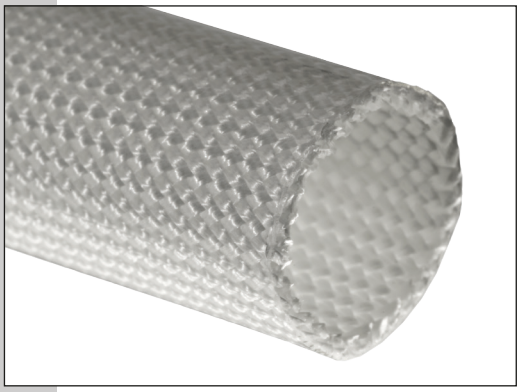

SPECIFICATIONS:

· IEC60684
· UL1441

APPLICATION:

Appropiate for protection of electrical connections and terminals because of its compatibility with impregnating and fishing varnishes and resins (oven-drying as well as air-drying types) and its good chemical resistance in general.

DESCRIPTION:

Braided fiberglass sleeving coated with polyurethane varnish.

OPERATING TEMPERATURE: -70°C to +155°C
Peaks at +225°C

ITS MAIN FEATURES ARE:

- Excellent compatibility with Class F impregnating resins and varnishes
- Tough, highly flexible, reliable with smooth finish
- Free of environmentally hazardous and contamining chemicals, completely different from conventional polyrethane coating
- Resists contact with soldering iron
- UL and cUL approved, Grade A, rated +155°C, 600V.
- Solvent free

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

REVITEX GUF VPG80

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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 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.

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DIELECTRIC STRENGTH:

Test	Method	VPG80 minimum
IEC 60684	250 mm. Inst. B / D Central Value (kV)	7,0
IEC 60684	250 mm. Inst. B / D Lowest Value (kV)	6,5
UL 1441	25 mm Inst. B / D (kV)	8,0

TECHNICAL CHARACTERISTICS:

Property	Test	Result
Thermal Overcharge and Ageing Resistance	Simulation of real operating conditions	Maintains its flexibility at +175°C Resists several hours at +225°C Resists 60 days at +190°C
Flammability	UL1441	Passes horizontal flame test
Cold Resistance	UL1441	Passes cold bend test
Flexibility	UL1441	Passes. There are neither cracks to be observed on the surface of the sleeving, nor does the varnish film come off
Chemical Resistance	Simulation of real operating conditions	- Good resistance to solvents (xylene, ethyl alcohol, trichloroethane,...) - Good resistance to fluids (styrene, ASTM oil nº2, acetone) - Good compatibility with Class F insulating varnishes

DIMENSIONS:

Reference	Nominal diameter (mm)	Bore tolerance (mm)	Minimum Wall thickness (mm)	Standard packaging (m)
VPG80__005	0,5	+0,20	0,28	400
VPG80__008	0,8	+0,20	0,35	300
VPG80__010	1,0	+0,20	0,38	300
VPG80__015	1,5	+0,30	0,38	300
VPG80__020	2,0	+0,30	0,38	300
VPG80__025	2,5	+0,30	0,46	200
VPG80__030	3,0	+0,30	0,46	200
VPG80__035	3,5	+0,30	0,46	200
VPG80__040	4,0	+0,40	0,51	200
VPG80__045	4,5	+0,40	0,51	200
VPG80__050	5,0	+0,50	0,51	200
VPG80__060	6,0	+0,50	0,51	100
VPG80__070	7,0	+0,50	0,51	100
VPG80__080	8,0	+0,50	0,64	100
VPG80__090	9,0	+0,60	0,64	100
VPG80__100	10,0	+0,60	0,64	100
VPG80__110	11,0	+0,60	0,64	100
VPG80__120	12,0	+0,60	0,64	50
VPG80__140	14,0	+0,70	0,64	50
VPG80__160	16,0	+0,70	0,64	50
VPG80__180	18,0	+0,90	0,64	50
VPG80__200	20,0	+0,90	0,64	25
VPG80__220	22,0	+0,90	0,64	25
VPG80__250	25,0	+0,90	0,64	25

NOTE: Standard colour (__): IN: Incolor ; BL: Blue ; RO: Red
Other diameters supplied upon request.

UL: (U.S.R.) United States Recognized. · cUL: (C.N.R.) Canadian National Standards Recognized.