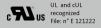


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REVITEX GUF VPG40

SLEEVINGS FOR THERMAL, ELECTRICAL, MECHANICAL & EMI APPLICATIONS





SPECIFICATIONS:

- · IEC60684-3 sheets 409
- · UL1441

APPLICATION:

This though abrasion resistant sleeving has good flexibility. Electrical properties are maintained after flexing. Appropriate for protection of electrical connections and terminals because of its compatibility with impregnating and finishing varnishes and resins (ovendrying 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
- Solvent free





REVITEX GUF VPG40

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	VPG40 minimum	
IEC 60684	250 mm. Inst. B / D Central Value (kV)	5,0	
IEC 60684	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	
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)
VPG40005	0,5	+0,20	0,28	400
VPG40008	0,8	+0,20	0,35	300
VPG40010	1,0	+0,20	0,38	300
VPG40015	1,5	+0,30	0,38	300
VPG40020	2,0	+0,30	0,38	300
VPG40025	2,5	+0,30	0,46	200
VPG40030	3,0	+0,30	0,46	200
VPG40035	3,5	+0,30	0,46	200
VPG40040	4,0	+0,40	0,51	200
VPG40045	4,5	+0,40	0,51	200
VPG40050	5,0	+0,50	0,51	200
VPG40060	6,0	+0,50	0,51	100
VPG40070	7,0	+0,50	0,51	100
VPG40080	8,0	+0,50	0,64	100
VPG40090	9,0	+0,60	0,64	100
VPG40100	10,0	+0,60	0,64	100
VPG40110	11,0	+0,60	0,64	100
VPG40120	12,0	+0,60	0,64	50
VPG40140	14,0	+0,70	0,64	50
VPG40160	16,0	+0,70	0,64	50
VPG40180	18,0	+0,90	0,64	50
VPG40200	20,0	+0,90	0,64	25
VPG40220	22,0	+0,90	0,64	25
VPG40225	25,0	+0,90	0,64	25

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