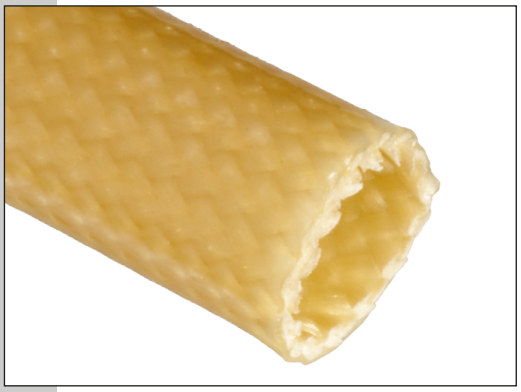
REVITEX VAC80

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 recognized
File: n° E 121222



SPECIFICATIONS:

· IEC 60684-3 Sheets 403-405
· UL1441

APPLICATION:

This tough abrasion resistant sleeving has good flexibility. Electrical properties are maintained after flexing. The sleeving is compatible with most insulating varnishes and is capable of short-therm operation above its thermal classification.
Major users are motor and transformer manufacture.

DESCRIPTION:

This is a Class F electrical insulating sleeving available in sizes from 0,5 mm to 25,0 mm

OPERATING TEMPERATURE: -70°C to +155°C

UL rated: 155°C, 600 V

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

REVITEX VAC80

REVITEX VAC80

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.

www.relats.com

DIELECTRIC STRENGTH:

Test	Method	VAC80
		UL grade
IEC 60684	250 mm. Inst. B / D Central Value (kV)	7,0
IEC 60684	250 mm. Inst. B / D Lowest Value (kV)	6,0
DIN 40620	200 mm. 60 sec. Proof. (kV)	5,0
UL 1441	25 mm Inst. B / D (kV)	8,0

TECHNICAL CHARACTERISTICS:

Property	Test	Result
Heat Resistance	Bending after heating IEC 60684 Part 2 Clause 13 48 hours at +180°C	No cracking or detachment of coating shall be visible and the original colors shall be clearly recognizable.
	UL 1441 - 60 days at +190°C	Dielectric strength after ageing: average breakdown 5000 V.
Flammability	Flame propagation: IEC 60684 Part 2 Clause 26 Method A Vertical with mandrel	Extinguishes within 60 sec.
	UL 1441 Horizontal Flame Test	Passes
Cold Resistance	Bending at low temperature IEC 60684 Part 2 Clause 14 at -70°C	No cracking or detachment of coating shall be visible
	UL 1441 - 1 h. at -10°C	No cracking
Chemical Resistance	Simulation of real operating conditions	Compatible with most insulating varnishes

DIMENSIONS:

Reference	Nominal bore (mm)	Bore tolerance (mm)	Minimum Wall thickness (mm)	Standard packaging (m)
VAC80__005	0,5	+0,20	0,28	400
VAC80__008	0,8	+0,20	0,35	400
VAC80__010	1,0	+0,20	0,38	400
VAC80__015	1,5	+0,30	0,38	300
VAC80__020	2,0	+0,30	0,38	200
VAC80__025	2,5	+0,30	0,46	200
VAC80__030	3,0	+0,30	0,46	200
VAC80__035	3,5	+0,30	0,46	200
VAC80__040	4,0	+0,40	0,51	200
VAC80__050	5,0	+0,50	0,51	100
VAC80__060	6,0	+0,50	0,51	100
VAC80__070	7,0	+0,50	0,51	100
VAC80__080	8,0	+0,50	0,64	100
VAC80__090	9,0	+0,60	0,64	100
VAC80__100	10,0	+0,60	0,64	100
VAC80__120	12,0	+0,60	0,64	50
VAC80__140	14,0	+0,70	0,64	50
VAC80__160	16,0	+0,70	0,64	50
VAC80__180	18,0	+0,90	0,64	25
VAC80__200	20,0	+0,90	0,64	25
VAC80__220	22,0	+0,90	0,64	25
VAC80__250	25,0	+0,90	0,64	25

NOTE: Other diameters supplied upon request.

UL: (U.S.R.) United States Recognized.