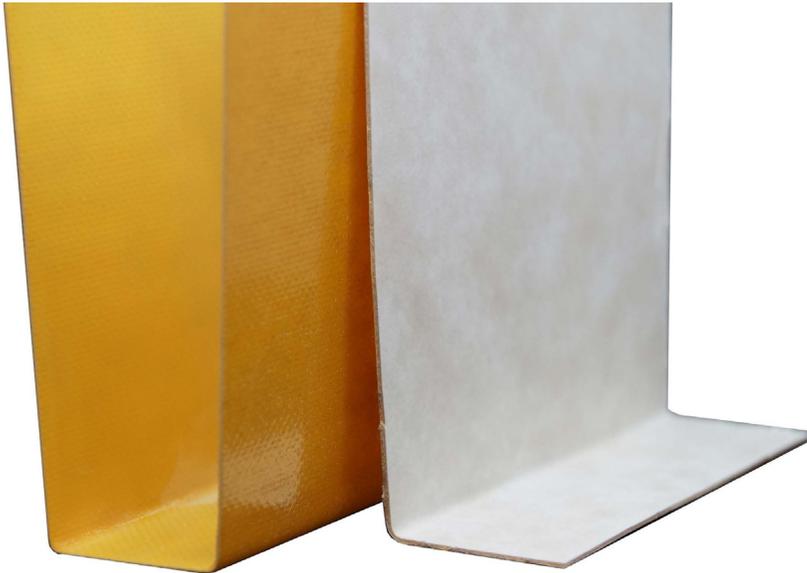




THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS

Rotoguard® Slot Liner

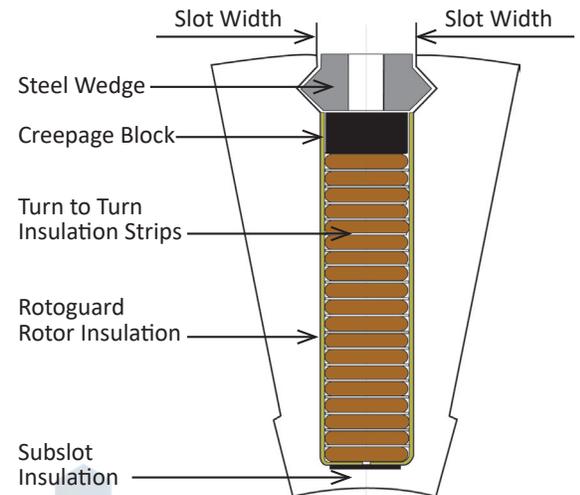
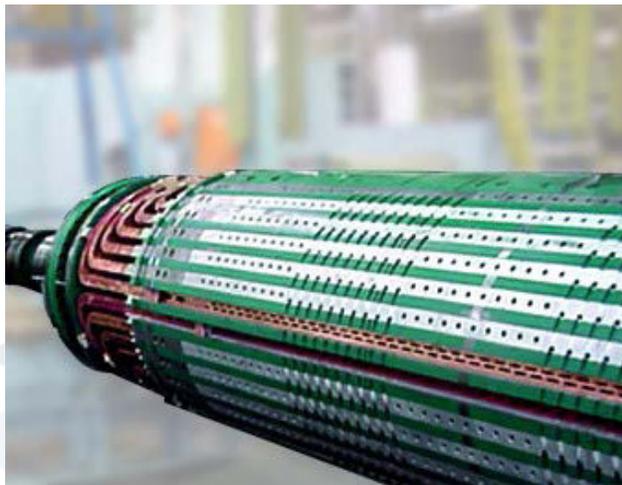


The Gund Company has been fabricating slot liners for over 20 years to meet the needs of the generator industry. The Gund Company utilizes processes that meet AS9100D (Aerospace), as well as the ISO9001:2015 to ensure a high-quality slot liners. Our product, RotoGuard® Slot Liners, provides uniform thickness and straightness in a seamless length up to 30' (9 meters). RotoGuard® Slot Liners are available in five standard configurations as well as a variety of custom configurations to meet customer's specifications. Each part is 100% inspected for quality and can be HiPot tested up to 20kV

Common shapes: L's, U's, with Step, Club Foot, and specialty shapes available upon request.

ISO: 9001-2015 Certified

- 24/7 Service
- Quality Parts
- Kitting Services
- On-Time Delivery
- Next Day Shipping
- Rapid Prototyping
- Expert Knowledge
- Material On-Hand
- Emergency Response
- Reverse Engineering



Contact Our Customer Service Team for a Solution Today!
generators@thegundcompany.com



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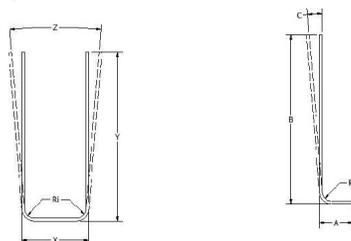
MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS



General Specifications		
Description:	RotoGuard® Slot Insulation from The Gund Company is a high performance glass epoxy laminate. It can be produced in five standard constructions as well as custom constructions. The aerospace manufacturing technology used to produce this insulation provides uniform, high quality thickness and straightness down the entire length of each part. Every part is 100% inspected for quality and can be HiPot tested up to 20kV.	
	Standard Inside Radius	.100" +/- .010" / 2.54 +/- .25 mm
Dimensions:	Radius Range Available	.027" - .125" / .7 - 3.2 mm
	Angle	90 +/- 3° Standard
	Max Leg Dimensions	7" x 1.8" +/- .008 / 177.8 x 45.7 +/- .2 mm
	Available Thickness	.030" - .125" +/- .003" / 0.76 mm - 3.18 mm +/- 0.076 mm
	Shapes	Standard "U" and "L" shapes are available. Custom shapes available upon request.
Construction:	Type O	All Epoxy Glass
	Type I	Glass - Nomex® - Glass
	Type II	Nomex® - Glass - Nomex®
	Type III	Glass - Nomex® - Glass - Polyimide - Glass - Nomex® - Glass
	Type IV	Nomex® - Glass - Polyimide - Glass - Nomex®
	Type N	Nomex®
	Special Requests	Custom construction available to meet most customer requests

Key Characteristics ¹	Units	Test Method	Condition	Type 0	Type I	Type II	Type III	Type IV	Type N
Apparent Density	g/cm ³	ASTM D-792	A	2.0	1.7	1.7	1.6	1.7	1.08
Water Absorption	%	ASTM D-570	D-24/23	0.4	1.3	4.0	1.5	3.7	-
Tensile	ksi	ASTM D-638	A	32.9	26.6	18.3	26.0	17.5	15.6
Flexural Strength	ksi	ASTM D-790	A	87.70	54.70	50.60	65.20	60.10	-
			E-1/160 T160	46.60	50.60	32.70	52.50	41.40	-
Dielectric Strength	V/mil	ASTM D-149	A	1,050	1,050	1,400	1,200	1,200	680
Permittivity	-	ASTM D-150	A	4.6	4.2	3.8	4.2	3.8	3.7
Dissipation Factor	-	ASTM D-150	A	0.03	0.02	0.02	0.022	0.02	0.007
Compressive Strength (1/2")	ksi	ASTM D-695	A	-	-	40	48	-	-
Thermal Conductivity	W/(m.K)	ASTM E-10461	-	0.25 - 0.21	0.23 - 0.19	0.25 - 0.21	0.25 - 0.21	0.24 - 0.20	0.20 - 0.14
Comparative Tracking Index	-	IEC-60112	-	200	200	250	200	250	250

¹ Indicates a thickness of 0.050"



Dimensioning of U's and L's

- A - Inches or mm
- X - Inches or mm
- B - Inches or mm
- Y - Inches or mm
- C - Degree (if not 90)
- Z - Degree (if not 90)
- Ri - inches or mm
- L - Length Inches or mm for both U's and L's

Data supplied above are typical values and are not to be considered specification values. All of the information, suggestions and recommendations pertaining to the properties and uses of the products herein are based upon tests and data believed to be accurate; however, the final determination regarding suitability of any material described herein for the contemplated application, the manner of such use, and whether the use infringes any patents is the sole responsibility of the user. There is no warranty, expressed or implied, including, without limitation warranty of merchantability or fitness for a particular purpose. Under no circumstances shall we be liable for incidental or consequential loss or damage.