



THE GUND COMPANY

MANUFACTURERS & FABRICATORS OF ENGINEERED MATERIAL SOLUTIONS



RotoGuard® EG

Item:	RotoGuard® EG Glass Epoxy Turn Insulation
Description:	RotoGuard® EG Glass Epoxy Turn Insulation is a fully cured, single layer woven glass fabric that is impregnated with a high temperature epoxy resin.
Applications:	RotoGuard® EG can serve as rotor turn insulation, sub-slot insulator, and filler.
Advantages:	RotoGuard® EG Glass Epoxy Turn Insulation offers exceptional chemical, oil moisture resistance, and dielectric strength when compared to other turn insulation material, at an economical price.
Availability:	RotoGuard® EG is available in 36" (914 mm) wide rolls, or as custom fabricated parts.
Fabricated Parts:	The Gund Company custom fabricates corner strips, J-strips, and ventilated turn insulation to the exact specifications and drawings specified by our customers. Contact a Gund Company material specialist today to review your specific measurements.
Coatings:	The Gund Company can provide this product exclusively with RotoGuard® TIB epoxy adhesive. Other adhesives may be available upon request. Contact a Gund Company material specialist today for more information.

Key Characteristics	Units English (SI)	Typical Values			
Thickness	In (mm)	0.005 (0.13mm)	0.007 (0.18mm)	0.010 (0.25mm)	0.013 (0.33mm)
Thickness Tolerance	In (mm)	+ 0.001 (+/- 0.025)	+/- 0.001 (+/- 0.025)	+/- 0.001 (+/- 0.025)	+/- 0.001 (+/- 0.025)
Dielectric Strength*	v/mil (kV/mm)	1,200 (47)	1,000 (39)	900 (35)	700 (28)
Thermal Rating	deg C	155 °C	155 °C	155°C	155 °C
Tensile LW	psi (MPa)	21,000 (145)	21,000 (145)	21,000 (145)	25,000 (173)
Tensile CW	psi (MPa)	15,000 (103)	15,000 (103)	15,000 (103)	15,000 (103)
Area Weight	Oz/yd ² (g/m ²)	5.7 (193)	9.0 (305)	12.2 (414)	14.5 (492)
Color	--	Amber	Amber	Amber	Amber

*1/4" Electrode - ASTM D-149

AS9100C Certified | ISO/AS9100 Certified QMS | RoHS Compliant | ITAR Compliant

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.

www.thegundcompany.com | World HQ 314.492.4800

TCGR 09/2023