



# THE GUND COMPANY

Manufacturers & fabricators of engineered material solutions

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.
Application:	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 of 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 <sup>2</sup> (g/m <sup>2</sup> )	5.7 (193)	9.0 (305)	12.2 (414)	14.5 (492)
Color	--	Amber	Amber	Amber	Amber

\* 1/4" Electrode - ASTM D-149