



MANUFACTURERS OF  
**ELECTRICAL INSULATION MATERIALS**  
 INSULATING COMPONENTS FOR  
**POWER SYSTEMS EQUIPMENT**

**TheGundCompany, Inc**  
 St. Louis, Missouri—USA  
 TEL-314.423.5200  
 FAX-314.423.9009

## MATERIAL DATA SHEET

**Item:** GlassEpoxyGradeLaminateVerdur

**Description:** GlassEpoxyLaminateGradeVerdurisasinglelayer glassclothimpregnatedwitha  
 ClassFepoxyresinwithaB-stagecoatingon1sid e.Verdurmaterialisusedprimarily  
 forturuninsulationinpowergenerationequipment. Recommendedcuringcycleis2–4  
 hoursat160 °C.

**Availability:** Rolls: Upto39”(1m)inwidthwithcustomcoilsavailable uponrequest

FabricatedParts: TheGundCompanycustomfabricatesinsulationmater ials  
 totheexactspecificationsanddrawingsofourcus tomers.

Material	Base Thickness	Resin Thickness	Total Thickness	Tolerance
VerdurClassF	1SideCoated			
	.005”( .127mm)	.0005”( .013mm)	.0055”( .14mm)	+/-10%
	.008”( .2mm)	.0005”( .013mm)	.0085”( .22mm)	+/-10%

Key Characteristics:	Units - English (SI)	Typical Values	
NominalThickness	in(mm)	.005”( .127)	.008”( .2)
Tolerance	in(mm)	+/- .0005”( .013)	+/- .0008”( .02)
TotalSubstance	g/m <sup>2</sup>	115	115
BreakdownVoltage	kV	≥1.5	≥1.5

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 the suitability of any material described herein for the use contemplated, 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.