



MANUFACTURERS OF  
ELECTRICAL INSULATION MATERIALS

INSULATING COMPONENTS FOR  
POWER SYSTEMS EQUIPMENT

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## MATERIAL DATA SHEET

- Item:** Glass Epoxy Laminate Grade Vetronite
- Description:** Glass Epoxy Laminate is a single layer glass cloth impregnated with a Class F epoxy resin with a B-stage coating on 1 or 2 sides. Vetronite material is used primarily for turn insulation in power generation equipment.
- Availability:** Rolls: Custom Upon Request  
Thickness: 0.008" - 0.118" (0.2mm – 3mm)  
Fabricated Parts: The Gund Company custom fabricates insulation materials to the exact specifications and drawings of our customers

Key Characteristics	Test Method	Units - English (SI)	Typical Values
Density	ISO 1183	Lbs/in <sup>3</sup> (g/cc)	124.9 (3,457)
Tensile Strength (lengthwise)	ISO 527	psi (MPa)	43,500 (300)
Compressive Strength (lengthwise)	ISO 604	psi (MPa)	58,000 (400)
Flexural Strength (lengthwise)	ISO 178	psi (MPa)	29,000 (200)
Shearing Strength	NF C 26.150	psi (MPa)	20,300 (140)
Comparative Tracking Index	IEC 112	V	400

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