



MANUFACTURERS OF
ELECTRICAL INSULATION MATERIALS
INSULATING COMPONENTS FOR
POWER SYSTEMS EQUIPMENT

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MATERIAL DATA SHEET

Item: Glass Epoxy Laminate Grade Verdur H

Description: Glass Epoxy Laminate Grade Verdur H is a single layer glass hard fabric with an epoxy resin adhesive layer in the reactive B-state. Verdur H is for utilization in Thermal Class 180 applications.

Availability: Rolls: Up to 39" (1meter) in width with custom coils available upon request

Fabricated Parts: The Gund Company custom fabricates insulation materials to the exact specifications and drawings of our customers.

Key Characteristics:	Units	Typical Values
Nominal Thickness	mm (in)	0.20 – 0.26 (0.008 – 0.01)
Area Weight	g/m ²	320 – 350
Area Weight of Adhesive Layer	g/m ²	20 – 40
Area Weight of Glass Fabric	g/m ²	160 – 170
Tensile Strength (Longitudinal)	N/10mm	> 300
Breakdown Voltage	kV	> 1.5
Curing Conditions of Adhesive Layer	-	2 hours / 180°C
Storage Conditions	-	6 months / 23°C or 12 months / 5°C

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