



G10 Glass Epoxy Laminate

G10 FR4 glass epoxy is a popular and versatile high-pressure thermoset plastic laminate grade with good strength to weight ratios. With near zero water absorption, FR4 is most commonly used as an electrical insulator possessing considerable mechanical strength. The material is known to retain its high mechanical values and electrical insulating qualities in both dry and humid conditions. These attributes, along with good fabrication characteristics, lend utility to this grade for a wide variety of electrical and mechanical applications.



SKU: [ERM1146](#)

Brief Data:

- Color: Translucent Light Green.
- Thickness: 3mm.
- Area Size: 200x250mm.
- Material: G10 Fiber Glass Epoxy.
- Density: 1.81g/cm³.
- Compressive Strength: 65000 (psi).
- Hardness: M100 Rockwell
- Flammability Rating: UL94HB
- Water Absorption: 0.1% @ 24H.
- Maximum Operating Temperature: +140°C

Application Examples:





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