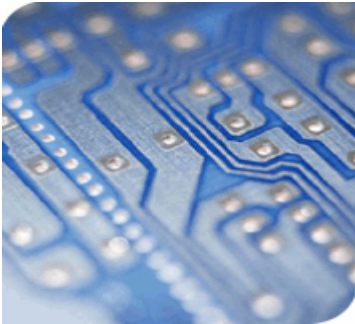


the Fabric of Innovation



NovaCircuit[™]

Fiberglass Fabric

Description

NovaCircuit[™] fiberglass fabric is made with non-twisted yarns and a resin-compatible fiber finish for a thinner, flatter, more uniform laminate material.

Applications

- Electronics - Laminates for high performance multi-layers and other fine feature printed circuit boards that require excellent dimensional stability, drilling registration and high reliability.

Product Features

- TwistFree[™] yarn construction for excellent dimensional stability.
- Flat, smooth surface ideal for fine line circuitry.
- Minimal weave knuckles for improved mechanical drilling.
- Spread glass fibers for improved impedance control and laser drillability.
- Up to 30% thinner than other glass fabrics, ideal for high layer count boards.
- Direct Finish[™] technology for improved resin-fiber interface and CAF resistance.
- Low hollow fiber count for maximum circuit reliability.

Key Properties

Glass Composition: E-glass
Electrical (glass only): D_K 6.0 to 6.5 D_F 0.0059 @10 GHz
DirectFinish[™]: Finish 98 - epoxy silane compatible finish designed for amine, anhydride and polyamide curing systems.