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Materials & Thickness

Phenolics

FR4 (High speed and High Tg variants)

Metal Cores – copper Invar copper & copper molybdenum copper

Non-Woven Aramids

Polyimide, BT & Cyanate Ester

Polyimide Kapton

PTFE (various types)

Various laminates core & prepreg thicknesses including Isola, Nelco, Rogers, Taconic & Arlon

Material Thickness

| | Development | Reduced Yield | Standard |
|---|-------------|---------------|-----------|
| Finished Board | < 6.00 mm | < 5.00 mm | < 3.20 mm |
| Thinnest Glass Reinforced Layer <0.05mm | < 0.05 mm | BY DESIGN | 0.10 mm |
| Thinnest Layer | BY DESIGN | 0.025 mm | 0.05 mm |