TECHNICAL DATA SHEET

NEMA GRADE G-10

MIL-I-24768/2

DEFINITION: Grade G-10 is constructed from a continuous filament woven glass fabric with an epoxy resin binder. The epoxy resin is made from an epichlorohydrin/bisphenol A epoxy resin and contains no other halogenated compounds, except residuals from the manufacture of the base resin. This grade is not manufactured from a brominated epoxy resin and is not flame retardant.

SHEET SIZE:	36"x48"
THICKNESS RANGE:	.010 - 3.000

PERFORMANCE REQUIREMENTS FOR SHEETS:

Minimum Breakdown	Voltage	45.0 kV
Maximum permittivity	(@ 1 MHz	5.20
Maximum Dissipation	Factor @ 1 MHz	0.025
Min. Izod Impact Stren	ngth: Lengthwise	7.0 ft-lb/in (notch)
	Crosswise	5.5 ft-lb/in (notch)
Min Flexural Strength	: Lengthwise	55.0 ksi
	Crosswise	45.0 ksi
Maximum Water Abso	orption:	0.15%
Flammability		UL94-HB

FOR IN-HOUSE USE ONLY – NOT FOR DISTRIBUTION BASED ON MIL-I-24768/2