



# RED SEAL ELECTRIC COMPANY

One Complete Source for Thermal, Electrical, & Mechanical Insulation

## High Pressure Laminates

### NEMA XX Paper Phenolic



Paper base impregnated with phenolic resin. Provides low cost electrical and mechanical properties. Uses: breaker arms, barriers, switch board panels.

### NEMA G5/G9 Glass Melamine



Glass woven cloth impregnated with melamine resin. Offers mechanical strength and arc resistance. Grade G9 has enhanced electrical properties under wet conditions. Uses: arc barriers, circuit breakers, switch board panels.

### NEMA C/CE Canvas Phenolic



Cotton fabric (general purpose medium weave) impregnated with phenolic resin. Provides a higher level of mechanical strength than paper. Grade CE offers better electrical properties and a greater resistance to moisture. Uses: gears, pinions, spacers, marine switch board panels.

### NEMA G10/G11 Glass Epoxy



Glass woven cloth impregnated with epoxy resin. Combines high strength, good electrical properties and excellent moisture resistance. Grade G11 offers roughly twice the mechanical strength at elevated temperatures. Uses: power generation and transmission components.

### NEMA L/LE Linen Phenolic



Linen fabric (fine weave) impregnated with phenolic resin. Stronger than canvas grade and better machinability for more intricate parts. Grade LE provides superior moisture resistance, dissipation factor and other electrical properties. Uses: fine tooth gears, terminal bases, radio parts.

### NEMA G7 Glass Silicone



Glass woven cloth impregnated with silicone resin. Provides excellent heat resistance and electrical properties. Class H insulation. Uses: heating appliance insulation, mast arm electric arc furnace insulation.