



MANUFACTURERS OF
ELECTRICAL INSULATION MATERIALS
INSULATING COMPONENTS FOR
POWER SYSTEMS EQUIPMENT

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MATERIAL DATA SHEET

Item: Nomex Aramid Pressboard

Description: Nomex Aramid Pressboard is composed of a synthetic aromatic polyamide in two forms:

Floc ¼" long fibers to provide mechanical strength

Fibrids Microscopic film particles to act as a filler and binder, to provide the dielectric strength and some key physical properties.

Pressboard is made into sheet structures by special board-making methods. During this process, the fibrids join to form filmy webs between the fibers. In most cases, the sheet is then calendered (densified at high temperature and pressure) to permanently lock the components together and produce a relatively impermeable structure with high levels of electrical and mechanical integrity.

Availability: Nomex pressboard is available in three types:

Type 992 A low-density pressboard. The low density allows easy formation of complex shapes and provides the highest saturation of the pressboard products.

Type 993 A medium-density pressboard. This material provides a balance of rigidity and conformability and long outstanding saturation and excellent electrical properties.

Type 994 A high-density pressboard. It provides superior strength and ability under compressive loads. Type 994 will also absorb oils and other fluids, but not as readily as Types 992 and 993.

Fabricated Parts: The Gund Company can fabricate a wide variety of transformer and barrier components from axial spacer sticks to radial space bars and bus bars from Nomex pressboards. For more information, please do not hesitate to call The Gund Company or fax a drawing of your components and its specifications.

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