

Essex Brownell is a world class full-line distributor of magnet wire, insulation and other necessary products used in today's transformers. Our partnerships with best in class suppliers, our supply chain management capability and our experienced, well trained sales force, enable us to offer complete solutions for your business and your customers.

Essex Brownell's custom fabrication capability enables Just In Time delivery and support for all of your applications. In addition, Essex Brownell has stocking warehouses across the United States and Mexico to provide North American logistic support, and eliminate the need to use valuable production space for stocking.

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• Adhesives & Sealants	• Bearings	• Fabricated Parts	• Flexible Insulation
• Lacing Tapes and Cords	• Lead Wire	• Lubricants	• Magnet Wire
• Mica Products	• Pressure Sensitive Tapes	• Rigid Insulation	• Shop and Test Equipment
• Silicone Products	• Standoff Insulators	• Tubing & Sleeving	• Varnish & Resin



Product Selection Chart

Transformer Type	Segment	Class A 105°C	Class B 130°C	Class F 155°C	Class H 180°C	Class R 220°C
Dry	Liquid Insulations	Impregnating Resins Encapsulants	Impregnating Resins Encapsulants	Impregnating Resins Encapsulants	Impregnating Resins Encapsulants	Impregnating Resins Encapsulants
	Flexible Insulations	Kraft Paper	Polyester Films	DMD, RMR, KMK TFT, NKN, NMN TufQUIN™ CeQUIN™ Varnished Glass	DMD, RMR, KMK TFT, NKN, NMN TufQUIN™ CeQUIN™ Varnished Glass	PEN Films ThermaVOLT™ NKN Nomex®
	Rigid Insulations	Kraft Press Board	HI-VAL Press Board Glastic Laminates Micarta	Nomex® Press Board SG200 Glastic CGA Board	Nomex® Press Board SG200 Glastic CGA Board	Nomex® Press Board SG200 Glastic CGA Board
	Tapes	Acetate Cloth Cotton Cloth	Polyester Film Glass Cloth Epoxy Film	Polyester Film Glass Cloth Epoxy Film	Polyamide Film Glass Cloth Nomex®	Banding Tapes Silicone Self Bonding Nomex® Polyamide Film
Cast	Liquid Insulations	Epoxy Casting Resins Polyester Casting Resins	Epoxy Casting Resins Polyester Casting Resins	Epoxy Casting Resins Polyester Casting Resins	Epoxy Casting Resins Polyester Casting Resins	Epoxy Casting Resins Polyester Casting Resins
	Flexible Insulations	Kraft Paper	Polyester Films	DMD, RMR, KMK TFT, NKN, NMN TufQUIN™ CeQUIN™ Varnished Glass	DMD, RMR, KMK TFT, NKN, NMN TufQUIN™ CeQUIN™ Varnished Glass	PEN Films ThermaVOLT™ NKN Nomex®
	Rigid Insulations	Kraft Press Board	HI-VAL Press Board Glastic Laminates Micarta	Nomex® Press Board SG200 Glastic CGA Board	Nomex® Press Board SG200 Glastic CGA Board	Nomex® Press Board SG200 Glastic CGA Board
	Tapes	Acetate Cloth Cotton Cloth	Polyester Film Epoxy Film Glass Cloth	Polyester Laminates Epoxy Film Glass Cloth	Polyimide Film Glass Cloth	Banding Tapes Silicone Self Bonding Polyamide Film
Oil Filled	Liquid Insulations	Silicone Transformer Fluid	Silicone Transformer Fluid	Silicone Transformer Fluid	Silicone Transformer Fluid	Silicone Transformer Fluid
	Flexible Insulations	Kraft Paper Rag Paper Diamond Coated Kraft	DMD	DMD	ThermaVOLT™ Nomex® DMD 180	ThermaVOLT™ Nomex®
	Rigid Insulations	Kraft Paper Kraft Press Board Kraft Tubes	Hi Val Press Board Nomex® Press Board	Nomex® Press Board Epoxy Glass	Nomex® Press Board Epoxy Glass	Nomex® Press Board
	Tapes	Glass Reinforced Paper	Polyester Film/Glass	Polyester Film/Glass Epoxy Glass	Nomex®	Nomex®

*Materials listed in higher temperature classes can also be used in lower temperature class applications



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