



PRODUCT NEWS

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NOMEX® 410 INSULATING PAPER FROM AUBURN

CLASS: 220 U.L.
FILE NO.: E34739
MIL SPEC.: MIL-I-24204
 MIL-E-917D
 NAVSHIPNOTE 963D

HERMETIC APPROVED:
 Yes

GENERAL INFORMATION:

Nomex® 410 is Dupont's high temperature Aramid paper which is capable of operating at Class C (220°C) temperatures. Nomex® has an unusual combination of excellent electrical, thermal and mechanical properties.

ORDERING INFORMATION:

Nomex® 410 is available in all of the thicknesses indicated here, in either 36" x 24" or 36" x 36" sheets, or 36" wide continuous length rolls. Special slit widths are also available upon request.

CUSTOM SHAPES:

Auburn manufactures insulators from Nomex® 410 in accordance with your designs and specifications. Custom parts can be diecut, scored, laminated, ident stamped, and affixed with pressure sensitive adhesives. Call now for more information, material samples or prompt quotations.

APPLICATIONS:

Motors - slot liners, wedges, separators;
 Transformers - layer insulation and phase insulation

TYPICAL PROPERTY VALUES

Thickness Inches	Dielectric Breakdown (Volts)	Tensile Strength (Lbs./In.)		Tear Strength (Grams)	
		Machine	Cross	Machine	Cross
.002	1060	16	8	89	150
.003	1770	27	13	130	230
.005	3450	63	30	270	450
.007	5810	100	54	430	630
.010	8500	120	72	630	930
.012	10320	170	90	740	1100
.015	17200	200	110	910	1300
.020	15400	300	150	1300	1900
.024	18000	360	220	-	-
.030	21000	450	270	-	-

Please Note: This above information contains typical values and should not be used for writing specifications.