



NP324FR

TECHNICAL DATA BULLETIN

GRADE: NP324

NEMA GRADE: --

U. L. LISTED: N

DESCRIPTION: NP324FR is a fine weave cotton fabric which has been bleached to remove impurities, and a modified phenolic resin with powdered PTFE added for lubrication as well as a flame retardant. It has low moisture absorption and excellent dimensional stability. NP324FR provides excellent machining characteristics.

THICKNESS TESTED: 0.062", 0.125" & 0.500"

TYPICAL PROPERTIES

GENERAL PHYSICAL PROPERTIES	UNITS	VALUE
Moisture Absorption (0.062") Condition Di-24/23	%	1.51
Flexural Strength (0.062") Condition A LW / CW	psi	25,000 / 21,000
Izod Impact Strength (0.500") Condition E-48/50 LW / CW	ft-lb/in notched	2.20 / 2.00
Bond Strength (0.500") Condition A	lb	1,230
Condition D-48/50		1,150
THERMAL & ELECTRICAL PROPERTIES	UNITS	VALUE
Flammability Rating - U. L. 94 (0.062")	Class	HB
Breakdown Voltage (0.062") Condition A	kV	60

This data, while believed to be accurate and based on reliable analytical methods, is for informational purposes only. The terms and conditions of the agreement under which it is sold will govern any sales of this product. Data supplied above are "typical values"; not to be considered "specification values".

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Specification writers: Contact Norplex-Micarta for specification values before submission.