

701 DOUBLE SIDED, POLYIMIDE ELECTRICAL TAPE WITH THERMOSETTING POLYACRYLATE ADHESIVE.
HEAT CLASS H.

DESCRIPTION:

701 IS BASED ON A POLYIMIDE FILM, WHICH EXHIBITS OUTSTANDING TEMPERATURE RESISTANCE AS WELL AS EXCELLENT MECHANICAL AND ELECTRICAL PROPERTIES.
 RADIATION RESISTANT.
 SHORT TERM HEAT RESISTANCE UP TO 400°C.

APPLICATIONS:

INSULATION TAPE FOR VERY HIGH TEMPERATURES.
 FOR HIGH STRESS CONDITIONS IN TRACTION MACHINE MANUFACTURING.
 GENERATOR PRODUCTION.
 OUTER WRAP FOR TRANSFORMERS, TORROIDAL COILS, MOTOR COILS AND BUNDLING OF ARMATURE COILS.

<u>PROPERTIES:</u>	<u>EN VALUE*:</u>	<u>ASTM VALUE**:</u>	<u>TEST METHOD:</u>
SUPPORTING BASE:	POLYIMIDE FILM		
BASE THICKNESS:	0.025MM	1.0 MIL	BS 3924
	0.050MM	2.0 MIL	
TOTAL THICKNESS:	0.085MM	3.8 MIL	BS 3924
	0.110MM	4.4 MIL	
ADHESIVE:	SYNTHETIC RESIN THERMOSETTING		
ADHESIVE STRENGTH:	3.0 N/CM	27 OZ/INCH	
ULTIMATE ELONGATION:	70%	70%	
	70%	70%	
TENSILE STRENGTH:	50 N/CM	28 LBS/INCH	
	100 N/CM	56 LBS/INCH	
DIELECTRIC STRENGTH:	7,000 VOLTS	7,000 VOLTS	
	10,000 VOLTS	10,000 VOLTS	
ELECTROLYTIC CORROSION FACTOR***:	A 1.2	A 1.2	
COMBUSTIBILITY:	BU 1	BU 1	
ADHESIVE COATING:	DOUBLE-FACED		
COLOUR:	BROWN TRANSPARENT		
HEAT CLASS:	H (TEMPERATURE RANGE UP TO 180°C)		

701 Contd...

RECOMMENDED CURING CYCLE: 1 HOUR AT 150°C OR
2 HOURS AT 130°C
LENGTH OF ROLL: 33M 36 YARDS
66M 72 YARDS

TESTED IN ACCORDANCE WITH ASTM D-1000, VDE 0340***, BS 3924.

* EN 60454
** ASTM D-1000



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