

**PPI 70110 POLYIMIDE ELECTRICAL TAPE WITH THERMOSETTING SILICONE ADHESIVE/  
HEAT CLASS H**

**DESCRIPTION:**

PPI 70110 IS BASED ON POLYIMIDE FILM WHICH EXHIBITS OUTSTANDING SOLVENT AND TEMPERATURE RESISTANCE AS WELL AS EXCELLENT MECHANICAL AND ELECTRICAL PROPERTIES. HIGH TEMPERATURE - RESISTING POLYSILOXANE ADHESIVE.

**UL RECONGNISED**
**APPLICATIONS:**

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

**SHORT TERM HEAT RESISTANCE UP TO 400°C.**

**PROPERTIES:**
**DIN VALUE:**
**ASTM VALUE:**

SUPPORTING BASE:	POLYIMIDE	
BASE THICKNESS:	0.025MM 0.050MM	1.0 MIL 2.0 MIL
TOTAL THICKNESS:	0.050MM 0.080MM	2.0 MIL 3.1 MIL
ADHESIVE:	POLYSILOXANE THERMOSETTING	
ADHESIVE STRENGTH:	2.0 N/CM	18 OZ/INCH
ULTIMATE ELONGATION:	70%	70%
TENSILE STRENGTH:	50 N/CM 100 N/CM	28 LBS/INCH 56 LBS/INCH
DIELECTRIC STRENGTH:	7000 VOLTS 10,000 VOLTS	7000 VOLTS 10,000 VOLTS
ELECTROLYTIC CORROSION FACTOR*:	A 1.0	A 1.0
COMBUSTIBILITY:	BU 1	
ADHESIVE COATING:	SINGLE-FACED	
COLOUR:	BROWN TRANSPARENT	
HEAT CLASS:	H (TEMPERATURE RANGE UP TO 180°C)	
TESTED IN ACCORDANCE WITH ASTM D-1000 LATEST ISSUE, VDE 0340*, B.S. 3924		

Statements, technical information and recommendations contained herein are based on tests we believe to be reliable but they are not to be construed in any manner as warranties expressed or implied. The user shall determine the suitability of the product for his intended use and user assumes all risks and liability whatsoever in connection therewith.

