

PPI Adhesive Products Limited Waterford Industrial Estate Cork Road Waterford, Ireland. Phone: +353 (0) 51 590400 Fax: +353 (0) 51 377687 Email: info@ppi.ie Internet: www.ppiadhesiveproducts.ie



## **PPI – PRODUCT INFORMATION**

## **PPI 701 SELF-ADHESIVE MASKING TAPE**

## **APPLICATIONS:**

HIGH TEMPERATURE-RESISTANT MASKING TAPE FOR GOLD CONTACTS ON PRINTED CIRCUIT BOARDS DURING THE WAVE SOLDERING PROCESS

PHYSICAL PROPERTIES	EN VALUE*	ASTM VALUE**	TEST METHOD
SUPPORTING BASE:	POLYIMIDE FILM		
BASE THICKNESS:	0.025 MM 0.050 MM 0.075 MM	1.0 MIL 2.0 MIL 3.0 MIL	EN 60454, SECTION 4.0– 4.4
TOTAL THICKNESS:	0.055 MM 0.080 MM 0.105 MM	2.2 MIL 3.2 MIL 4.1 MIL	EN 60454, SECTION 4.0-4.4
ADHESIVE:	POLYSILOXANE		
ADHESIVE STRENGTH:	2.0 N/CM	18 OZ/INCH	EN 60454, SECTION 11.0
ULTIMATE ELONGATION:	50.0% 40.0% 70.0%	50.0% 40.0% 70.0%	EN 60454, SECTION 8.0
TENSILE STRENGTH:	50.0 N/CM 75.0 N/CM 125.0 N/CM	28.0 LBS/INCH 42.0 LBS/INCH 70.0 LBS/INCH	EN 60454, SECTION 8.0
TEMPERATURE RESISTANCE:	SHORT TERM: UP TO 300°C (572°F)		
DIELECTRIC STRENGTH:	7,000 VOLTS	5,900 VOLTS 7,000 VOLTS	ASTM D-1000-04, SECTION 83-90
OR COLOUR:	BROWN TRAN	9,000 VOLTS	EN 60454, SECTION 17
LENGTH OF ROLL:	33.0 M 66.0 M	36.0 YDS 72.0 YDS	
* EN 60454 ** ASTM D-1000			

Rev.1 16. Feb . 15

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 the intended use and user assumes all risk and liability whatsoever therewith. **Page 1 of 1**