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

* EN 60454

** ASTM D-1000