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PPI – PRODUCT INFORMATION

PPI RD-042D[®] ANTI-STATIC PRINTED CIRCUIT BOARD AND CONFORMAL COATING MASKING TAPE

DESCRIPTION:

RD-042D[®] IS BASED ON POLYIMIDE FILM COATED WITH A SPECIAL SURFACE CONDUCTIVE ADHESIVE. STATIC GENERATION DURING ROLL UNWIND AND TAPE APPLICATION IS ELIMINATED. RD-042D[®] CAN WITHSTAND WAVE SOLDER TEMPERATURES UP TO 300°C AND LEAVES NO ADHESIVE RESIDUE ON PRINTED CIRCUIT BOARDS UPON REMOVAL.

PHYSICAL PROPERTIES

	<u>EN VALUE</u>	<u>ASTM VALUE</u>
SUPPORTING BASE:	POLYIMIDE SPECIAL CONSTRUCTION	
BASE THICKNESS:	0.025 mm 0.050 mm	1.0 MIL 2.0 MIL
TOTAL THICKNESS:	0.060 mm 0.085 mm	2.4 MIL 3.3 MIL
SURFACE RESISTIVITY (ADHESIVE):	10 ³ - 10 ⁴ OHMS/SQ	
TEMPERATURE RESISTANCE:	UP TO 300°C SHORT TERM	
COLOUR:	BROWN OPAQUE	
ADHESIVE STRENGTH:	1.0 N/cm 1.8 N/cm	9.0 oz/inch 16.0 oz/inch
ADHESIVE TYPE:	SILICONE	
DIELECTRIC STRENGTH:	7,000 v 10,000 v	7,000 v 10,000 v
TENSILE STRENGTH:	50.0 N/cm 100.0 N/cm	28.0 lbs/inch 56.0 lbs/inch
ELONGATION:	70.0 %	70.0 %

[®] PATENTED 991008
*EN 60454
** ASTM D-1000

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