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**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.

<u>PHYSICAL PROPERTIES:</u>	<u>EN VALUE:</u>	<u>ASTM VALUE:</u>
SUPPORTING BASE:	POLYIMIDE SPECIAL CONSTRUCTION	
BASE THICKNESS:	0.025 mm	1.0 MIL
	0.050 mm	2.0 MIL
TOTAL THICKNESS:	0.060 mm	2.4 MIL
	0.085 mm	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	9.0 OZ/INCH
	1.8 N/cm	16.0 OZ/INCH
ADHESIVE TYPE:	SILICONE	
TENSILE STRENGTH:	50.0 N/cm	28.0 LBS/INCH
	100.0 N/cm	56.0 LBS/INCH
ELONGATION:	70.0 %	70.0 %

* PATENTED

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