



PPI Adhesive Products Limited
 Waterford Industrial Estate
 Cork Road
 Waterford, Ireland.
 Email: info@ppi.ie
 Internet: www.ppiadhesiveproducts.com



PPI – Product Information

PPI RD-042D®

Anti-Static Printed Circuit Board and Conformal Coating Masking Tape

DESCRIPTION:

RD-042D® is based on (0.025 mm) 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. Unlike other anti-static tapes, the anti-static properties of the RD-042D, are unaffected by changes in humidity and temperature in the processing environment.

<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
TOTAL THICKNESS:	0.060 mm	2.4 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
ADHESIVE TYPE:	SILICONE	
DIELECTRIC STRENGTH:	7,000 V	7,000 V
TENSILE STRENGTH:	50.0 N/cm	28.0 lbs/inch
ELONGATION:	70.0 %	70.0 %
STATIC CHARGE GENERATED:		
Roll Unwind	<10 Volts	
Removal from PCB	<10 Volts	

®_EP0422919A2

*EN 60454 / ** ASTM D-1000

Rev.2/ 2nd Oct 2020

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [PPI manufacturer](#):

Other Similar products are found below :

[PPI-701-12-33M](#) [PPI-701-15-33M](#) [PPI-701-19-33M](#) [PPI-701-25-33M](#) [PPI-701-38-33M](#) [PPI-701-6-33M](#) [PPI-7510-0,05-19-10M](#) [PPI-7510-0,05-25-10M](#) [PPI-7510-0,12-19-10M](#) [PPI-7510-0,12-25-10M](#) [PPI-9015-6-12-25M](#) [PPI-9015-6-15-25M](#) [PPI-9015-6-19-25M](#) [PPI-9015-6-25-25M](#) [PPI-9015-6-50-25M](#) [PPI-9020-6-25-25M](#) [PPI-9116-12-16,5M](#) [PPI-9116-19-16,5M](#) [PPI-9116-25-16,5M](#) [PPI-9120-6-12-16,5M](#) [PPI-9510-6-19-16,5M](#) [PPI-9510-6-25-16,5M](#) [PPI-9515LF-6-25-16,5M](#) [PPI-9520-6-19-16,5M](#) [PPI-9520-6-25-16,5M](#) [PPI-RD-042D-12-16,5M](#) [PPI-RD-042D-15-16,5M](#) [PPI-RD-042D-19-16,5M](#) [PPI-RD-042D-38-16,5M](#) [PPI-RD-042D-50-16,5M](#) [PPI-RD-042D-6-16,5M](#) [PPI-RD-042D-9-16,5M](#) [PPI-RD-512D-15-16,5M](#) [PPI-RD-512D-19-16,5M](#) [PPI-RD-512D-38-16,5M](#) [PPI-RD-512D-50-16,5M](#) [PPI-RD-697-15-50M](#) [PPI-RD-697-25-50M](#) [PPI-TC-250-12-16,5M](#) [PPI-TC-250-25-16,5M](#) [PPI-TC-250-9-16,5M](#) [PPI-TC-500-15-16,5M](#) [PPI-TC-500-19-16,5M](#) [PPI-TC-500-9-16,5M](#)