



PPI – Product Information

RD-512D Anti-Static Polyester Adhesive Tape

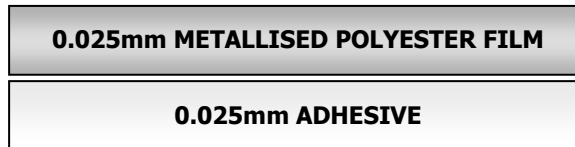
DESCRIPTION:

PPI RD-512D is a translucent, printable anti-static adhesive tape. The special static dissipative construction of RD-512D ensures that during tape unwind and removal of the tape from a variety of plastic substrates static charges of less than 20 volts are generated. RD-512D is resistant to high temperatures and many solvents and chemicals. The anti-static properties are unaffected by variations in humidity.

APPLICATIONS:

- Suitable for use in production areas where a static free environment is required e.g. Printed circuit board assembly.
- Sealing, repair and labelling of anti-static bags for circuit board and component packaging.
- Mounting of electronic components and circuit boards during testing procedures.

CONSTRUCTION:



<u>PROPERTIES</u>	<u>EN VALUE*</u>	<u>ASTM VALUE**</u>	<u>TEST METHOD</u>
SUPPORTING BASE:	Lightly Metallised Polyester Film		
BASE THICKNESS:	0.025 mm	1.0 MIL	BS 3924
TOTAL THICKNESS:	0.050 mm	2.0 MIL	
ADHESIVE:	ACRYLIC - STATIC DISSIPATIVE		
ADHESIVE STRENGTH:	2.5 N/cm	22.5 oz/inch	
ULTIMATE ELONGATION:	80-120%	80-120%	
TENSILE STRENGTH:	40.0 N/cm	23.0 N/cm	
SURFACE RESISTIVITY (ADHESIVE):	50,000-100,000 Ohm/cm		
VOLUME RESISTIVITY:	10 ¹⁸ Ohm-cm		
COLOUR:	TRANSLUCENT		
TEMPERATURE RESISTANCE:	UP TO 155°C		

*EN 60454

**ASTM D-1000

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