



## 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:**

<b>0.025mm METALLISED POLYESTER FILM</b>
<b>0.025mm ADHESIVE</b>

<b><u>PROPERTIES</u></b>	<b><u>EN VALUE*</u></b>	<b><u>ASTM VALUE**</u></b>	<b><u>TEST METHOD</u></b>
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 <sup>18</sup> Ohm-cm		
COLOUR:	TRANSLUCENT		
TEMPERATURE RESISTANCE:	UP TO 155°C		

\*EN 60454

\*\*ASTM D-1000

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