

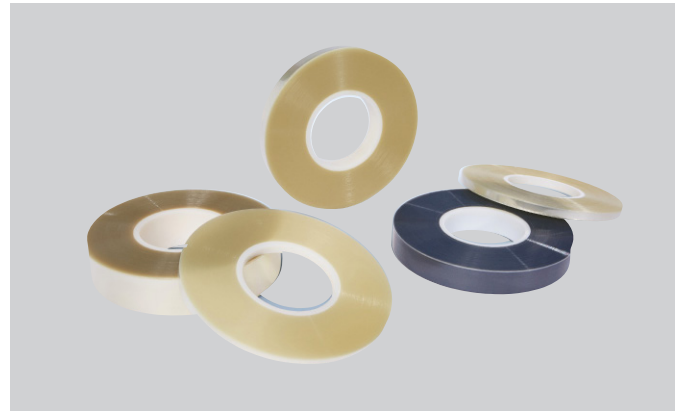


Type PUA Antistatic Pressure Sensitive Cover Tape



Advantek's Type PUA Cover Tape is an antistatic, transparent, pressure sensitive cover tape. It is engineered to protect and contain surface mount components in embossed polystyrene and polycarbonate carrier tapes, while minimizing wetting.

- > High consistent adhesion
- > Re-sealable
- > Transparent to allow post-taping inspection of components in the pocket
- > Formulated to minimize wetting
- > Complies with EIA-481 standards
- > Proven to perform with Advantek Carrier Tape materials of Polystyrene and Polycarbonate
- > Halogen-Free



Material Properties

Property	Typical Value	Test Method
Thickness	0.045 mm	N/A
Adhesion to Carrier Tape ¹	<49.5mm: 50±20g; 49.5mm: 60±20g	EIA-481
Surface Resistivity	≥1.0E5, <1.0E12 Ohms/sq. (bottom only)	ASTM D-257
Tensile Strength	9,100 PSI	ASTM D-882
Elongation	94.3%	ASTM D-882
Transparency	Transmittance: 91%; Haze: 14%; Clarity: 93%	ASTM D-1003
Color	Transparent	N/A

Note: The values presented for this product are typical laboratory data and may be changed without notice, should be considered representative or typical only, and should not be used for specification purposes. ¹Tests performed under specific sealing conditions.

Construction

Type PUA cover tape contains a top layer of insulative polyester base film, a coating layer of pressure sensitive adhesive and a bottom layer of protective polyester film on the device side. The bottom blocking film is anti-static to ensure the protection of static sensitive devices.

Configurations

The PUA pressure sensitive cover tape is available for standard widths in splice-free lengths of 300. For widths of 9.2mm and wider, 500 meter lengths are available. All lengths are shipped on a 3" diameter plastic core. Widths available include all EIA standard widths for carrier tapes between 8mm and 72mm, plus custom widths by special request.

Shelf Life and Storage

We recommend that the Advantek PUA cover tape be used within 24 months from the date of manufacture. Store this product in its original packaging in a climate-controlled environment with temperatures between 20°C-30°C and relative humidity below 80%. Do not store in direct sunlight or excess temperature/humidity for prolonged periods of time. Exceeding these recommended storage conditions could result in inconsistent product performance. Allow the product to stabilize at room temperature for 48 hours prior to use.

Reference Sealing Condition

Parameter	Range
Application method	Roller @ 2 meters/minute
Temperature	Ambient
Pressure	20 - 80 PSI
Humidity	Ambient

Ordering Information

Part number	Tape width (mm)	Adhesive edge width
PUA0053-300	5.3±0.1	0.9±0.1 mm
PUA0054-300	5.4±0.1	0.9±0.1 mm
PUA0054-300B	5.4±0.1	0.7±0.1 mm
PUA0055-300	5.5±0.1	0.9±0.1 mm
PUA0092-300B	9.2±0.1	0.7±0.1 mm
PUA0093-300	9.3±0.1	1.0±0.1 mm
PUA0133-300	13.3±0.1	1.0±0.1 mm
PUA0133-300B	13.3±0.1	0.8±0.1 mm
PUA0213-300	21.3±0.1	1.1±0.1 mm
PUA0255-300	25.5±0.1	1.1±0.1 mm
PUA0375-300	37.5±0.1	1.2±0.1 mm
PUA0495-300	49.5±0.1	1.2±0.1 mm
PUA0655-300	65.5±0.1	1.5±0.1 mm

Note: Contact Advantek sales for the availability of other widths & lengths.