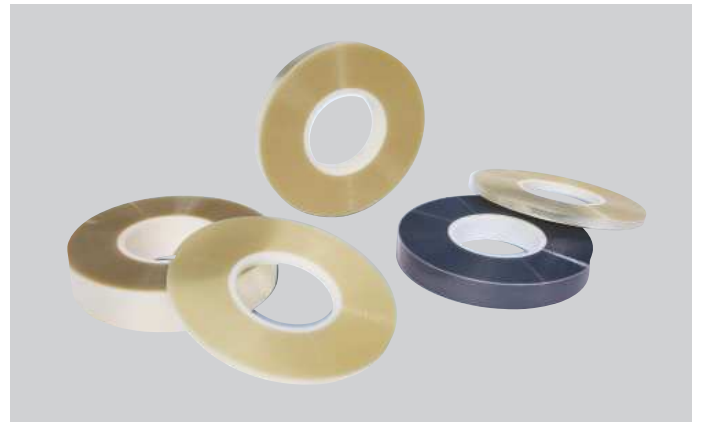




Advantek's PUC Cover Tape is a static dissipative, transparent, pressure sensitive cover tape. It is engineered to protect and contain surface mount components in embossed polystyrene and polycarbonate carrier tapes, while minimizing wetting.

- > 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 Polystyrene and Polycarbonate carrier tape materials
- > Halogen-Free



### Material Properties

Property	Value	Test Method
Thickness	0.055±0.005 mm	N/A
Adhesion to Carrier Tape*	5.4 mm width: 30 ± 15 grams 9.3: 40±20 grams 13.3: 45±20 grams 21.3 - 49.5: 60±20 grams 65.5 & wider: 65±25 grams	EIA-481
Surface Resistivity	≥1.0E5, <1.0E12 Ohms/sq. (both sides)	ASTM D-257
Surface Resistance	≥1.0E4, <1.0E11 Ohms (both sides)	ANSI/ESD STM11.13
Tensile Strength	≥11,000 PSI	ASTM D-882
Transparency	Transmittance: ≥85%; Haze: ≤15%; Clarity: ≥85%	ASTM D-1003
Opaque specks	≤0.5 mm	CCD Camera measurement

Note: Values presented are laboratory results and may be changed without notice. \*Tests performed using Polystyrene carrier film with specific sealing conditions.

### Construction

PUC cover tape has a static dissipative 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 static dissipative to ensure protection of static sensitive devices.

### Configurations

PUC cover tape is available in standard widths in 300 splice-free meters per roll, 500 meter lengths are available for widths of 9.3mm and wider. All lengths are shipped on a 3" diameter plastic core. Widths available include all EIA standard widths for carrier tapes between 8 and 104mm.

### Shelf Life and Storage

We recommend this product be used within 24 months from the date of manufacture. Store in its original packaging in a climate-controlled environment with temperatures between 15 - 30°C and relative humidity between 10 - 80%. Do not store in direct sunlight or excessive temperature/humidity for prolonged periods. Exceeding these recommendations 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
Temperature	Ambient
Pressure	10 - 50 PSI
Humidity	Ambient

### Ordering Information

Part number	Tape width (mm)	Adhesive edge width
PUC0051-300	5.1±0.1	0.7±0.1
PUC0053-300	5.3±0.1	0.9±0.1
PUC0054-300	5.4±0.1	0.7±0.1
PUC0092-300	9.3±0.1	1.0±0.1
PUC0093-300	9.3±0.1	1.0±0.1
PUC0133-500	13.3±0.1	1.2±0.1
PUC0213-500	21.3±0.1	1.5±0.1
PUC0255-500	25.5±0.1	1.5±0.1
PUC0375-500	37.5±0.1	1.5±0.1
PUC0495-500	49.5±0.1	1.5±0.1
PUC0655-500	65.5±0.1	2.0±0.1
PUC0815-500	81.5±0.15	2.0±0.1
PUC0975-500	97.5±0.15	2.0±0.1

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