

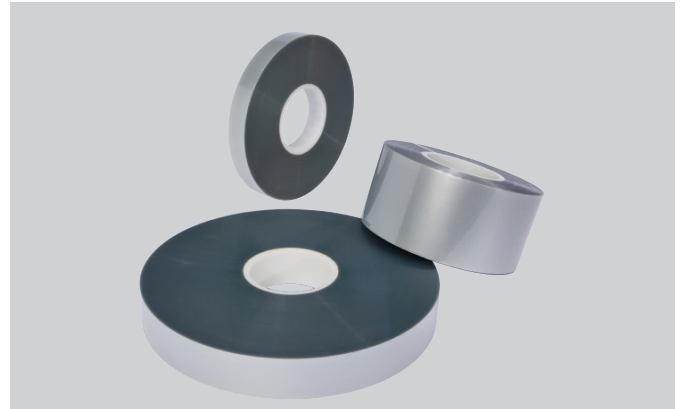


Type AA® Antistatic Heat Activated Cover Tape



Advantek's Type AA® Cover Tape is an antistatic, transparent, heat sealable cover tape. It is engineered to protect and contain surface mount components in embossed polystyrene carrier tapes.

- > Transparent to allow post-taping inspection of components while in the pocket
- > Formulated to minimize wetting
- > Suitable for any heat taping application
- > Consistent adhesion
- > Complies with EIA-481 standards
- > Proven to perform with Advantek Carrier Tapes:
 - Tri-Lam Polystyrene materials: C, D, X, V, T, I & J
 - Homogenous Polystyrene material: P



Material Properties

Property	Typical Value	Test Method
Thickness	0.050-0.060 mm	N/A
Adhesion to Carrier Tape ¹	40±30 grams	EIA-481
Surface Resistivity	both sides: ≥1.0E5, <1.0E12 Ohms/sq.	ASTM D-257
Tensile Strength	10,000 PSI	ASTM D-882
Elongation	100%	ASTM D-882
Transparency	Transmittance: 90%; Haze: 59%; Clarity: 16%	ASTM D-1003
Color	Transparent, pale blue	

Note: The values presented for this product are typical laboratory data and may be changed without notice. 1) Tests performed under specific sealing conditions.

Construction

Type AA® cover tape contains a top layer of 0.00092" thick polyester base film and a bottom layer of 0.00128" thick heat-activated adhesive coating layer. Both layers are antistatic to ensure the protection of static sensitive devices.

Configurations

The AA® heat activated cover tape is available for standard widths in splice-free lengths of 300, 500 and 1000 meters on a 3" inner diameter plastic core. Widths available include all EIA standard widths for carrier tapes between 8mm and 120mm, plus custom widths by special request.

Shelf Life and Storage

We recommend that the Advantek AA® 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 15°C-35°C and relative humidity between 30%-70%. Do not store in direct sunlight or excess temperature/humidity for prolonged periods of time. Allow the product to stabilize at room temperature for 48 hours prior to use.

Reference Sealing Condition

Parameter	Range
Temperature	160 - 210°C
Dwell Time	0.20 - 0.50 sec.
Pressure	30 - 80 PSI
Seal Rail width	0.015 - 0.020" (0.38 - 0.51mm)

Ordering Information

Part number	Width (mm)	Length (mm)
AA0054-300	5.4±0.1	300
AA0092-300	9.2±0.1	300
AA0092-500	9.2±0.1	500
AA0133-300	13.3±0.1	300
AA0133-500	13.3±0.1	500
AA0213-300	21.3±0.1	300
AA0213-500	21.3±0.1	500
AA0255-300	25.5±0.1	300
AA0255-500	25.5±0.1	500
AA0495-300	49.5±0.1	300
AA0495-500	49.5±0.1	500
AA0655-300	65.5±0.15	300
AA0655-500	65.5±0.15	500

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