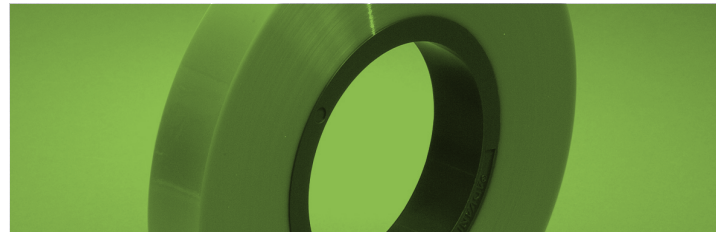




## COVER TAPES

# Type AA<sup>®</sup> Heat Activated Antistatic Cover Tape

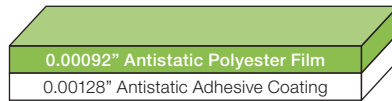


Advantek's Type AA<sup>®</sup> Cover Tape is an antistatic, transparent, heat sealable cover film. It is engineered to protect and contain surface mount components in embossed polystyrene carrier tapes.

- Transparent to allow post-taping inspection of components while in the pocket
- Formulated to prevent wetting
- Suitable for any heat sealing taping application
- Consistent adhesion
- Complies with EIA-481 standards
- Proven to perform with these Advantek Carrier Tape materials:
  - Types C, X, V & T Static Dissipative Polystyrene
  - Types K, L & O Homogenous Polystyrene

### Construction

Type AA<sup>®</sup> 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

Type AA<sup>®</sup> Heat Activated Cover Tape is provided standard with 300, 400, 500, 600 and 1000 splice-free meters on a 3" inner diameter plastic core. Widths available include all EIA standard widths for carrier tapes between 8mm and 56mm, plus custom widths by special request.

Part Number (300m)	Width
AA05405NP	5.4mm +/- 0.1
AA09205NP	9.2mm +/- 0.1
AA13305NP	13.3mm +/- 0.1
AA21005NP	21.0mm +/- 0.1
AA25505NP	25.5mm +/- 0.1
AA37505NP	37.5mm +/- 0.1
AA49505NP	49.5mm +/- 0.1

Recommended Sealing Conditions (Single-Strike Seal Mode)	
Temperature	170° - 210°C
Dwell Time	0.25 - 0.40 sec.
Pressure	30 - 35 PSI
Seal Rail Width	0.015 - 0.020" (0.38 - 0.51mm)

Material Properties		
Property	Typical Value	Test Method/Standard
Adhesion to Carrier	40 +/- 30 grams'	EIA-481
Surface Resistivity	≥10 <sup>5</sup> to <10 <sup>12</sup> ohms/square (both sides)	ASTM D-257
Tensile Strength	10,000 PSI	ASTM D-882
Elongation	100%	ASTM D-882
Transparency	90% Transmittance 16% Clarity 59% Haze	ASTM D-1003
Color	Transparent, pale blue	

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

### Material Ionics Data (ppm)

Fluoride	ND
Chloride	1.65
Nitrite	ND
Bromide	ND
Nitrate	ND
Phosphate	ND
Sulfate	<1.20
Lithium	ND
Sodium	ND
Ammonium	0.52
Potassium	ND
Magnesium	ND
Calcium	<0.44

Note: The above ionics data was measured by an independent laboratory. ND= None Detected

### Shelf Life and Storage

We recommend that the Advantek AA<sup>®</sup> 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 under 50°C (122° F) and relative humidity under 80%. Do not store in direct sunlight or excess temperature/humidity for prolonged periods of time. Allow the product to stabilize at room temperature prior to use.

Material	Cover Tape Products						
	AA	AHP	ABX	ATA	PS3	APC	AHPC
G (Polycarbonate)				X		X	X
C (Polystyrene)	X	X	X	X	X		



Our wide line of component packaging products offers the flexibility you need to balance price and performance.



**ADVANTEK<sup>®</sup>**  
engineered confidence™

Embossed Carrier Tapes	SFT <sup>®</sup>	Complex Designs	Basic Designs	Interleaf Tapes		
Cover Tapes	Heat Activated	Pressure Sensitive				
Packaging Reels	Pro	Ultra	Lite	Trimline		
Barrier Bags	DRYLOK <sup>®</sup>	STATLOK <sup>®</sup>				
Bands	PROBAND <sup>®</sup>	LOKBAND <sup>®</sup>				
Humidity Indicator Cards	1 Spot	3 Spot	4 Spot	6 Spot		
Desiccant	1/3 Unit	1/2 Unit	1 Unit	2 Unit	4 Unit	8 Unit
Dicing Tapes	UV Cured	Non UV Cured				

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