



## COVER TAPES

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

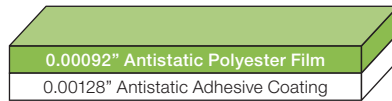


Advantek's Type AA<sup>®</sup> Cover Tape is an antistatic, transparent, heat sealable cover film. It is engineered to protect and contain surface mount components in embossed polystyrene carrier tapes.

- 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 <sup>1</sup>	EIA-481
Surface Resistivity	≥10 <sup>5</sup> to <10 <sup>12</sup> ohms/square (both sides)	ASTM D-257
Tensile Strength	9,000 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. <sup>1</sup>Tests performed under specific sealing conditions.

### 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	ABX	AD	AHP	AHPC	APC	ATA	NS	PS3
PC			X		X	X	X		
PS, Homogenous PS	X	X	X	X			X	X	X



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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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