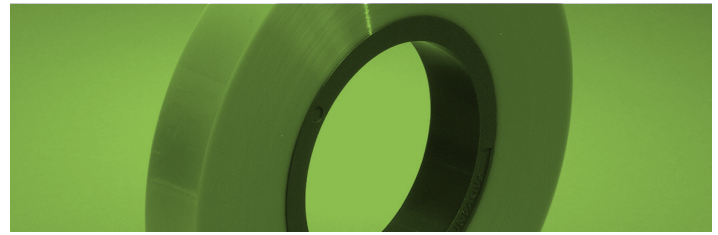




COVER TAPES

Type AHP Heat Activated Antistatic Cover Tape

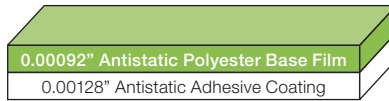


Advantek's Type AHP Cover Tape is an antistatic, transparent, heat sealable cover tape which protects and confines surface mount components contained in our embossed carrier tape. Suitable for any heat sealing taping application, AHP Cover Tape provides consistent adhesion and a proven record of quality.

- Engineered for Polystyrene Carrier Tapes
- Performs within EIA-481 bonding guidelines
- Proven to work effectively with the following Advantek Carrier Tape materials:
 - Types C, X, V & T Static Dissipative Polystyrene
 - Types J, K, L & O Homogenous Polystyrene
- Halogen Free

Construction

Type AHP Cover Tape is constructed in two layers, a 0.00092" polyester base film covered by a 0.00128" heat-activated adhesive coating layer. Both layers are antistatic to protect static sensitive devices.



Part Number (300m)	Tape Width
AHP0053-300	5.3mm +/- 0.10
AHP0054-300	5.4mm +/- 0.10
AHP0092-300	9.2mm +/- 0.10
AHP0093-300	9.3mm +/- 0.10
AHP0133-300	13.3mm +/- 0.10
AHP0210-300	21.0mm +/- 0.10
AHP0213-300	21.3mm +/- 0.10
AHP0255-300	25.5mm +/- 0.10
AHP0375-300	37.5mm +/- 0.10
AHP0495-300	49.5mm +/- 0.10
AHP0655-300	65.5mm +/- 0.10
AHP0815-300	81.5mm +/- 0.10

Recommended Sealing Conditions in Single-Strike Mode	
Temperature	165° -210° C
Dwell Time	0.1 – 1.0 sec
Pressure	30 PSI
Seal Rail Width	0.015 – 0.020" (0.38 – 0.51 mm)

Type AHP Heat Activated Antistatic Cover Tape Material Properties

Property	Typical Value	Test Method/Standard
Initial Adhesion to Carrier	50 +/- 30 grams ¹	EIA-481
Surface Resistivity	<10 ¹² ≥10 ⁵ ohms/square (both sides)	ASTM D-257
Tensile Strength	11,000 PSI	ASTM D-882
Elongation	120% - 140%	ASTM D-882
Transparency	91% Transmittance 25% Clarity 50% Haze	ASTM D-1003
Color	Transparent, pale blue	NA

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

Configurations

Type AHP Cover Tape is provided standard with 300 and 500 splice-free meters on a 3" inner diameter plastic core. Available widths include all EIA standard widths for carrier tapes between 8mm and 56mm. Additional widths may be available by special request.

Shelf Life and Storage

Type AHP Cover Tape has a shelf life of 24 months from the date of manufacture when kept in recommended conditions. Store this product in its original packaging in a climate-controlled with temperatures between 19°C - 40°C (66°F - 104°F) and relative humidity is 50% +/- 30%. Do not store in direct sunlight. Allow product to stabilize at room temperature prior to use. Exceeding these recommended storage conditions could result in inconsistent product performance.

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®
engineered confidence™

Embossed Carrier Tapes	SFT®	Complex Designs	Basic Designs	Interleaf Tapes		
Cover Tapes	Heat Activated		Pressure Sensitive			
Packaging Reels	Pro	Ultra	Lite	Trimline		
Barrier Bags	DRYLOK®		STATLOK®			
Bands	PROBAND®		LOKBAND®			
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			

Germany: +49-761-45546-0
 North America: +1-510-623-1877
 Philippines: +63-49-545-6350
 Singapore: +65-6759-6800
 China: +86-21-5048-4588
 Taiwan: +886-2-2290-1789
 Japan: +81-49-229-5100

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