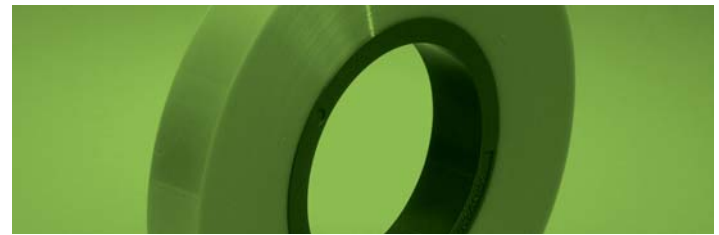




COVER TAPES

Type ATA™ Heat Activated Antistatic Cover Tape



Cover Tapes

Advantek's Type ATA™ Cover Tape offers excellent clarity and highly consistent adhesion. Its smooth adhesive finish refracts little light, greatly enhancing the tape's clarity while reducing its haze. These features improve your ability to conduct post-taping in-pocket inspection of components. ATA also works with Advantek polycarbonate carrier tape.

- Ultra clear tape to allow post-taping inspection of components while in the pocket
- 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
 - Types G, N, Q & U Polycarbonate
- Halogen Free

Construction

Type ATA™ Cover Tape is constructed in two layers, a 0.0010" polyester base film over a 0.0015" heat-activated adhesive coating layer. Both layers are antistatic to protect static sensitive devices.



Configurations

Type ATA™ Heat Activated Cover Tape rolls are 480 splice-free meters on a 3" inner diameter plastic core. Additional widths may be available by special request.

Recommended Sealing Conditions

The following sealing parameters apply to single-strike seal mode. Multi-strike, or overlap sealing, may require adjustment outside of these ranges.

Part Number	Tape Width
ATA0054	5.4mm +/- 0.10
ATA0092	9.2mm +/- 0.10
ATA0133	13.3mm +/- 0.10
ATA0210	21.0mm +/- 0.10
ATA0255	25.5mm +/- 0.10
ATA0375	37.5mm +/- 0.10
ATA0495	49.5mm +/- 0.10

	Polystyrene	Polycarbonate
Temperature	160° -180° C	200° -210° C
Dwell Time	0.2 - 0.5 sec	0.3 - 0.5 sec
Pressure	30 - 35 PSI	30 - 35 PSI
Seal Rail Width	0.015 - 0.020" (0.38 - 0.51 mm)	0.015 - 0.020" (0.38 - 0.51 mm)

Type ATA™ Heat Activated Antistatic Cover Tape Material Properties

Property	Typical Value	Test Method/Standard
Adhesion to Carrier	50 +/- 20 grams ¹	EIA-481
Surface Resistivity	<10 ¹² ≥10 ⁵ ohms/square (both sides)	ASTM D-257
Tensile Strength	8,100 PSI	ASTM D-882
Elongation	110%	ASTM D-882
Transparency	90% Transmittance 89% Clarity 20% Haze	ASTM D-1003
Color	Natural, non-pigmented	
Standard Roll	3" I.D. core, 480 meters	

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

Shelf Life and Storage

Type ATA™ Heat Activated Antistatic 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 environment where temperatures do not exceed 40°C (104°F) and relative humidity is under 80%. Exceeding these recommended storage conditions could result in inconsistent product performance.

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



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



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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			

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