



COVER TAPES

Type AD Heat Activated Antistatic Cover Tape



Advantek's Type AD Cover Tape is an antistatic, transparent, heat sealable cover film. It is engineered to protect and contain surface mount components in embossed polystyrene and polycarbonate 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:
 - Polystyrene, Homogenous Polystyrene
 - Polycarbonate

Construction

Type AD Cover Tape contains a top layer of antistatic PET base film, then special PE layer and a bottom layer of heat activated adhesive coating layer. Both sides are antistatic to ensure the protection of static sensitive devices.

Configurations

Type AD Heat Activated Cover Tape is provided standard with 300 splice-free meters, customized length would be discussed case by case. Widths available include all EIA standard widths for carrier tapes between 8mm and 56mm, plus custom widths by special request.

Part Number	Width
AD0054-300	5.4mm +/- 0.1
AD0057-300	5.7mm +/- 0.1
AD0092-300	9.2mm +/- 0.1
AD0133-300	13.3mm +/- 0.1
AD0135-300	13.5mm +/- 0.1
AD0210-300	21.0mm +/- 0.1
AD0213-300	21.3mm +/- 0.1
AD0255-300	25.5mm +/- 0.1
AD0375-300	37.5mm +/- 0.1
AD0495-300	49.5mm +/- 0.1

Shelf Life and Storage

We recommend that the Advantek AD Cover Tape be used within 24 months from the date of manufacture. Store this product in its original packaging in a

Material Properties		
Property	Typical Value	Test Method/Standard
Thickness	0.048 mm	N/A
Adhesion to Carrier	TBA ¹	EIA-481
Surface Resistivity	≥10 ⁵ to <10 ¹² ohms/square (both sides)	ASTM D-257
Tensile Strength	≥ 5800 PSI	ASTM D-882
Elongation	100%	ASTM D-882
Transparency	91% Transmittance 89% Clarity 14% Haze	ASTM D-1003
Color	Transparent	

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

climate-controlled environment with temperatures between 20°C~25°C and relative humidity between 50%~70%. 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.

Recommended Sealing Conditions (Single-Strike Seal Mode)

Temperature	150° - 200°C
Dwell Time	0.25 - 0.40 sec.
Pressure	30 - 70 PSI
Seal Rail Width	0.015 - 0.020" (0.38 - 0.51mm)

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.



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

advantek.com