



COVER TAPES

Type ABx™ Heat Activated Antistatic Cover Tape

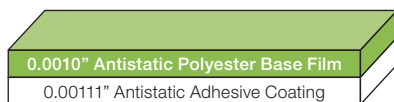


Advantek Type ABx™ heat-activated antistatic cover tape is a high-quality, low-cost product developed to reduce the tendency to bond to areas other than the seal tracks. This condition is known as ‘wetting’ and causes unpredictable or unstable peel force as well as visual concerns.

- Formulated to prevent wetting
- Proven to perform with Advantek carrier tapes:
 - Types C, X, V & T Static Dissipative Polystyrene
 - Types K, L & O Homogenous Polystyrene
- Ideal package for surface mount components when used with:
 - Advantek Carrier tapes
 - LOKREEL® packaging reels
 - Advantek Static Shielding / Moisture Bags
- Complies with EIA-481 standards

Construction

Type ABx™ Cover Tape is constructed in two layers, a 0.0010" thick polyester base film covered by a 0.0011" thick heat-activated adhesive coating layer. Both layers are antistatic to protect static sensitive devices.



Configurations

Type ABx™ Heat Activated Cover Tape is provided with 300, 500 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 120mm. Additional widths may be available by special request.

Part Number	Width	Part Number	Width
ABX0054	5.4mm +/- 0.10	ABX0375	37.5mm +/- 0.10
ABX0092	9.2mm +/- 0.10	ABX0495	49.5mm +/- 0.10
ABX0133	13.3mm +/- 0.10	ABX0655	65.5mm +/- 0.15
ABX0210	21.0mm +/- 0.10	ABX0815	81.5mm +/- 0.15
ABX0255	25.5mm +/- 0.10	ABX1135	113.5mm +/- 0.20

Recommended Sealing Conditions in Single-Strike Mode

Temperature	170° -200° C	Dwell Time	0.2 – 0.5 sec
Pressure	30 – 35 PSI	Seal Rail Width	0.015 – 0.020" (0.38 – 0.51 mm)

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	≥9,000 PSI	ASTM D-882
Elongation	120 - 140%	ASTM D-882
Transparency	93% Transmittance 35% Clarity 51% Haze	ASTM D-1003
Color	Natural, non-pigmented	
Standard Roll	3" I.D. core, 300 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 ABx™ Cover Tape has a shelf life of 24 months from the date of manufacture when stored under the recommended condition. We recommend storing this product in its original packaging in a climate-controlled environment with temperatures between 27+/-10°C and relative humidity 50+/-10%.

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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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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