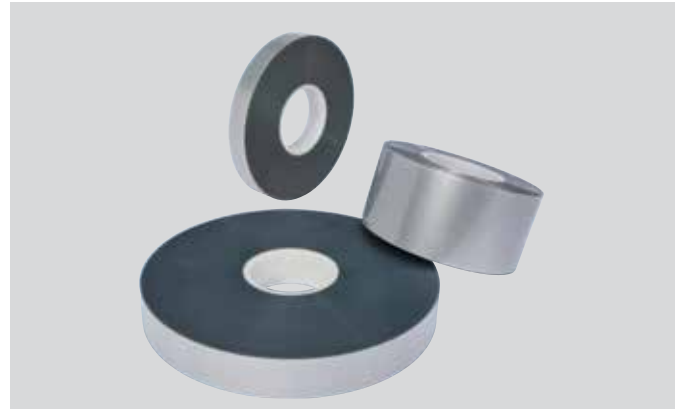


Type ABx™ Antistatic Heat Activated Cover Tape



Advantek's Type ABx™ Cover tape is 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 minimize wetting
- > Suitable for any heat taping application
- > Complies with EIA-481 standards
- > Proven to perform with Advantek Carrier Tapes:
 - Types C, D, X, V, T, I & J etc. Tri-lam Polystyrene
 - Types P & L Homogenous Polystyrene



Material Properties

Property	Typical Value	Test Method
Thickness	0.053 mm	N/A
Adhesion to Carrier Tape1	50±20 grams	EIA-481
Surface Resistivity	both sides: ≥1.0E5, <1.0E12 Ohms/sq.	ASTM D-257
Tensile Strength	≥9,000 PSI	ASTM D-882
Elongation	200%	ASTM D-882
Transparency	Transmittance: 93%; Haze: 51%; Clarity: 35%	ASTM D-1003
Color	Natural	

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

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 sides are antistatic to ensure the protection of static sensitive devices.

Configurations

Type ABx™ heat activated cover tape is provided with standard width 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, plus custom widths by special request.

Shelf Life and Storage

We recommend that the Advantek ABx™ 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 between 5°C ~ 37°C and relative humidity between 15% ~ 85%. Do not store in direct sunlight or excess temperature/humidity for prolonged periods of time. Allow the product to stabilize at room temperature for 48 hours prior to use.

Reference Sealing Condition

Parameter	Range
Temperature	160 - 200°C
Dwell Time	0.20 - 0.50 sec.
Pressure	30 - 80 PSI
Seal Rail width	0.015 - 0.020" (0.38 - 0.51mm)

Ordering Information

Part number	Width (mm)	Length (m)
ABx0054-300	5.4±0.1	300
ABx0092-300	9.2±0.1	300
ABx0092-500	9.2±0.1	500
ABx0133-300	13.3±0.1	300
ABx0133-500	13.3±0.1	500
ABx0213-300	21.3±0.1	300
ABx0213-500	21.3±0.1	500
ABx0255-300	25.5±0.1	300
ABx0255-500	25.5±0.1	500
ABx0495-300	49.5±0.1	300
ABx0495-500	49.5±0.1	500
ABx0655-300	65.5±0.15	300
ABx0655-500	65.5±0.15	500

Note: Advantek sales may advise you for the availability of other widths & lengths.