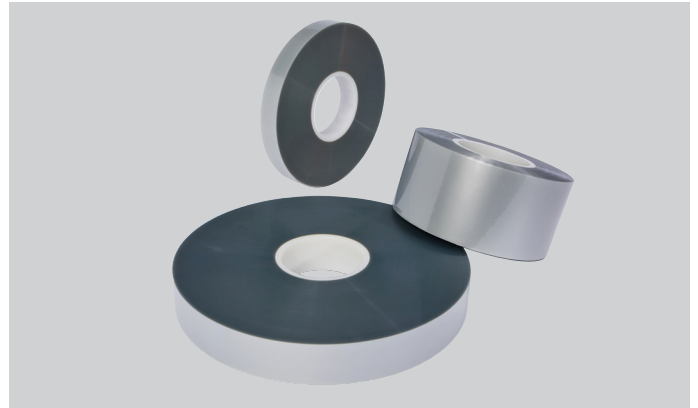




Advantek's ABx™ Cover tape is a high-quality, heat-activated, static dissipative cover tape. It was developed to reduce the tendency to bond to areas other than the seal tracks. This condition is known as 'wetting' - which causes unpredictable or unstable peel force; as well as visual concerns.

- > 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, K, 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 Tape ¹	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. 1 Tests performed under specific sealing conditions.

Construction

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 static dissipative to ensure the protection of static sensitive devices.

Configurations

ABx is provided in 300, 500 and 1000 splice-free meters on 3" inner diameter plastic cores. Widths available include EIA standards for carrier tapes between 8 and 120mm; custom widths by special request.

Shelf Life and Storage

We recommend 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 - 37°C and relative humidity between 15 - 85%. Do not store in direct sunlight or excessive 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: Contact sales for availability of other widths & lengths.