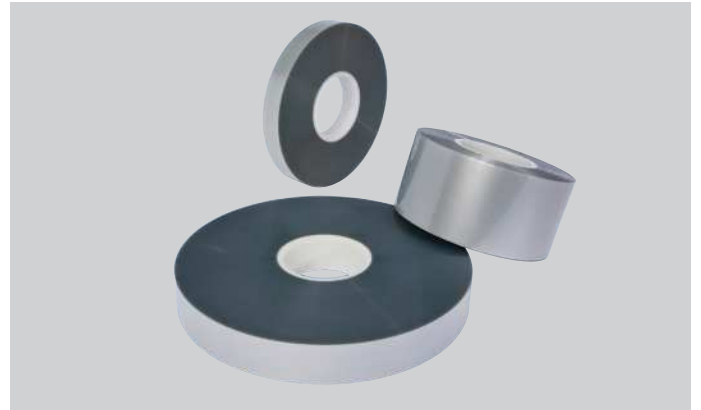




Advantek's ABx™ Cover tape is a high-quality, heat-activated, static dissipative cover tape. It was developed to reduce the tendency to bond to areas other than the seal tracks. This condition is known as 'wetting' - which causes unpredictable or unstable peel force as well as visual concerns.

- > 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 | Value | Test Method |
|---------------------------|--|-----------------|
| Thickness | 0.053±0.005 mm | N/A |
| Adhesion to Carrier Tape* | 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 |
| Transparency | Transmittance: ≥86%; Haze: <51%; Clarity: ≥30% | ASTM D-1003 |
| Opaque Specks | <0.3 mm | CCD measurement |

Note: The values presented are laboratory results and may be changed without notice. *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 | 5.4±0.1 | 300 |
| ABX0054-500 | 5.4±0.1 | 500 |
| ABX0092 | 9.2±0.1 | 300 |
| ABX0092-500 | 9.2±0.1 | 500 |
| ABX0133 | 13.3±0.1 | 300 |
| ABX0133-500 | 13.3±0.1 | 500 |
| ABX0213 | 21.3±0.1 | 300 |
| ABX0213-500 | 21.3±0.1 | 500 |
| ABX0255 | 25.5±0.1 | 300 |
| ABX0255-500 | 25.5±0.1 | 500 |
| ABX0375 | 37.5±0.1 | 300 |
| ABX0375-500 | 37.5±0.1 | 500 |
| ABX0495 | 49.5±0.1 | 300 |
| ABX0495-500 | 49.5±0.1 | 500 |
| ABX0655 | 65.5±0.15 | 300 |
| ABX0655-500 | 65.5±0.15 | 500 |

Note: Contact sales for availability of other widths & lengths.