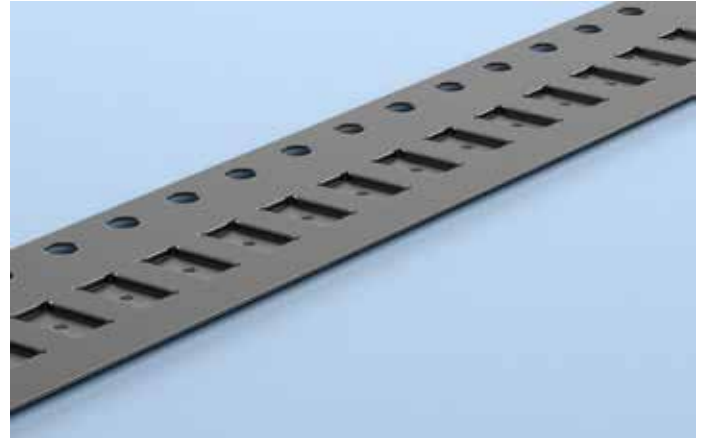


# Polycarbonate Tri-laminate B-Series



Advantek's B-Series Tri-Laminate Polycarbonate (PC) carrier tape is a specially modified static dissipative polycarbonate material, offering excellent strength and high precision formability. For high speed taping applications this material offers the same strength, protection and performance as homogeneous polycarbonate material, but at a lower cost. Additionally, for high precision applications requiring sharp pocket features and flat pocket bottoms, like bare die, this material provides superior formability and strength.

- > Ideal for High precision designs
- > Suitable for bare die applications
- > Available in standard and cleanroom processing
- > All Advantek carrier tape is manufactured in accordance with current EIA standards



## Material Properties

Property	Value	Test Method
Material Code - Thickness	BA - 0.20mm BB - 0.25mm BC - 0.30mm	-
Specific Density	1.09 g/cc	JIS K 7112
Tear Strength	187N/mm (MD) 177 N/mm	JIS K 7128-3 (Test speed 200mm/min)
Elongation	> 35% (MD) > 25% (TD)	JIS K 7127
Tensile Strength (Yield)	51 MPa (MD/TD)	JIS K 7127
Vicat Softening	112C (234F)	JIS K 7206
Surface Resistivity	$\geq 10e5$ , $< 10e12$ ohms/sq	ASTM D257
Color	Black	-

Note: The values presented for this product are typical laboratory data and may be changed without notice.

## Shelf Life and Storage

We recommend that Advantek's Tri-Laminate Polycarbonate (PC) carrier tapes be used within 5 years from the date of manufacture. Store this product in its original packaging in a climate-controlled environment where temperature ranges from 21°C +/- 17°C (70°F +/- 30°F). This product is not affected by humidity. Allow the product to stabilize at room temperature prior to use.

## Camber

The Advantek Polycarbonate carrier tape meets the current EIA-481 standard for camber that is not greater than 1mm in 250 linear millimeters. For 8mm carrier tape in the level wind format, the camber will not be greater than 2mm in 250 linear millimeters.

## Cover Tape Compatibility

Type	Heat Activated								Pressure Activated
	HUB	HUC	HUD	HUE	HUF	AA	HSA	ABx™	PUA
Polycarbonate Black Tri-lam	✓	✓	✓	✓	✓				✓