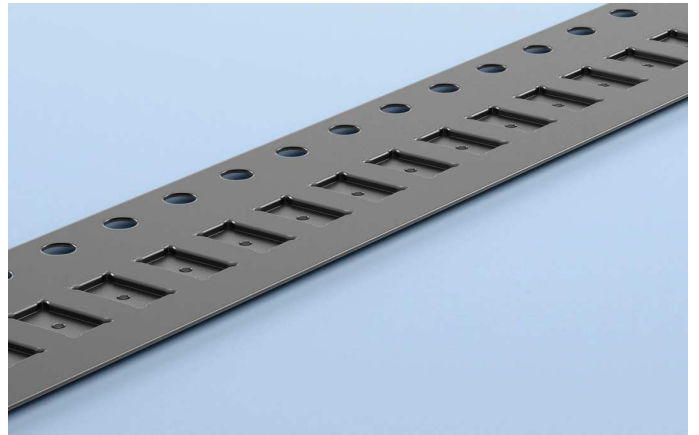


Advantek's B-Series Tri-Laminate Polycarbonate (PC) carrier tape is a specially modified static dissipative polycarbonate material - offering excellent strength and high precision formability. For high speed taping applications, this material economically offers strength, protection and performance comparable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

- > 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	Unit	Setup	Value	Standard
<b>Material Thickness</b>	mm	-	BA - 0.20mm BB - 0.25mm BC - 0.30mm	-
<b>Gloss @ 60°</b>	GU	Shiny	45 - 90	ASTM D523
		Matte	8 - 30	
<b>Surface Resistance</b>	Ohms	Shiny	1.0E5 - 1.0E11	STM 11.13
		Matte	1.0E5 - 1.0E11	
<b>Tensile Strength @ Break</b>	Psi	Machine Direction	1500 - 8000	ASTM D882
<b>Elongation @ Break</b>	%		15 - 25	
<b>Glass Transition Temperature</b>	°C	10°C/min	110 - 120	ASTM 3418
<b>Density</b>	g/cm <sup>3</sup>	-	1.0 - 1.5	ASTM D792
<b>Color</b>	-	-	Black	ADV Internal
<b>Transmittance</b>	%	-	-	ASTM D1003
<b>Haze</b>	%	-	-	

Note: Conditioned at 23 °C, 50% RH for 24 hours. Values presented are typical laboratory results and may be changed without notice.

### Shelf Life and Storage

Product should be used within 5 years from the date of manufacture. Store 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 to stabilize at room temperature prior to use.

### Camber

Meets 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
	HUG	AD2	HUE	PUC
Polycarbonate Tri-Lam	✓	✓	✓	✓