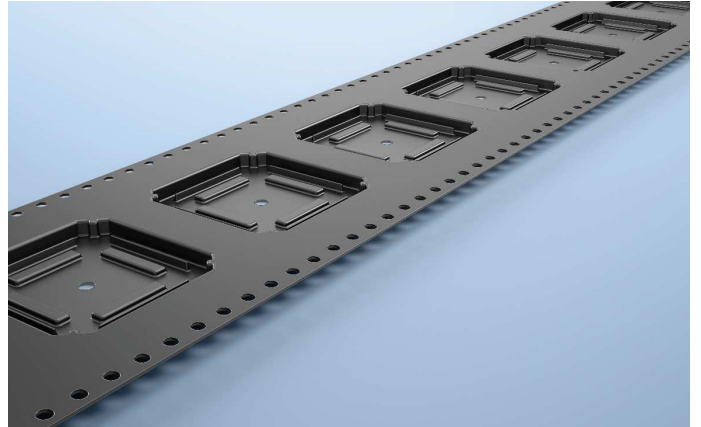


Advantek's exclusive C-Series Polystyrene Black Tri-Laminate (PS+C) carrier tape provides devices maximum protection from physical and ESD damage during shipping and storage. The C-Series is available in a variety of thicknesses to ensure the optimal design for the broadest range of applications.

- > Suitable for standard and complex pocket designs
- > Formulated to provide maximum crush resistance and consistent peel force with heat activated and pressure sensitive cover tapes
- > All Advantek carrier tape is manufacture in accordance with current EIA standards to ensure compatibility with tape and reel equipment
- > Widths from 8 to 88mm
- > Lengths up to 1000m



### Material Properties

Property	Unit	Setup	Value	Standard
<b>Material Thickness</b>	mm	-	V - 0.21 mm C - 0.30 mm X - 0.35 mm T - 0.50 mm	-
<b>Gloss @ 60°</b>	GU	Shiny	45 - 90	ASTM D523
		Matte	6 - 30	
<b>Surface Resistance</b>	Ohms	Shiny	1.0E5 - 1.0E11	ASTM D257
		Matte	1.0E5 - 1.0E11	
<b>Tensile Strength @ Break</b>	Psi	Machine Direction	5000 - 7000	ASTM D882
<b>Elongation @ Break</b>	%		50 - 100	
<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 of 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). 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 1 in 250 linear millimeters. For 8mm carrier tape in the level wind format, the camber will not be greater than 2 in 250 linear millimeters.

### Cover Tape Compatibility

Type	Heat Activated			Pressure Activated
	HUG	AD2	HUE	PUC
Polystyrene Tri-Lam	✓		✓	✓