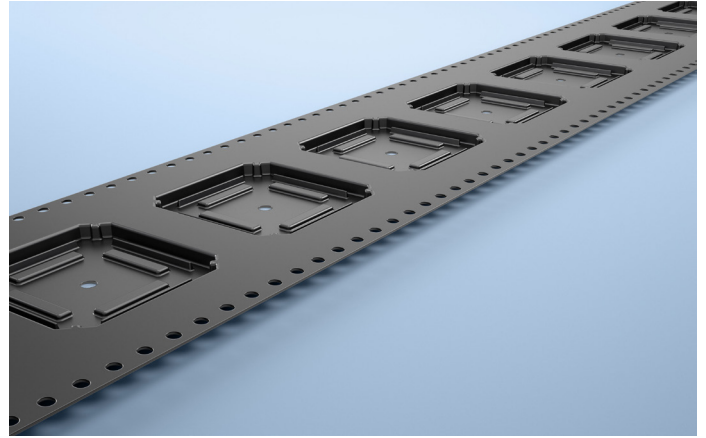




Advantek's exclusive C-Series Polystyrene Black Tri-Laminate (PS+C) carrier tape provides devices maximum protection from physical and ESD damage during shipping and storage. The C-Series is available in a variety of thicknesses to ensure the optimal design for the broadest range of applications.

- > 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	Value	Value	Test Method
Material Code - Thickness	V - 0.21mm C - 0.30mm X - 0.35mm T - 0.50mm	CF - 0.40mm	-
Specific Density	1.06 g/cc	1.07g/cc	ASTM D792
Tear Strength	LD 0.53 lb TD 0.61 lb	LD 0.53 lb	ASTM D1938
Elongation	LD 65% TD 14%	LD 58%	ASTM D882
Tensile Strength	LD 6575 psi TD 6445 psi	LD 6600 psi	ASTM D882
Vicat Softening	90C (194F)	107C (225F)	ASTM D1525
Surface Resistivity	$\geq 10^5$, $< 10^{12}$ Ohms/Square	$\geq 10^5$, $< 10^{12}$ Ohms/Square	ASTM D257
Color	Black	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 Polystyrene Black Tri-Laminate carrier tapes be used within 5 years of 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 a room temperature prior to use.

Camber

The Advantek Polystyrene Black Tri-Laminate series 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
Polystyrene Tri-Lam	✓	✓	✓	✓	✓	✓	✓	✓	✓