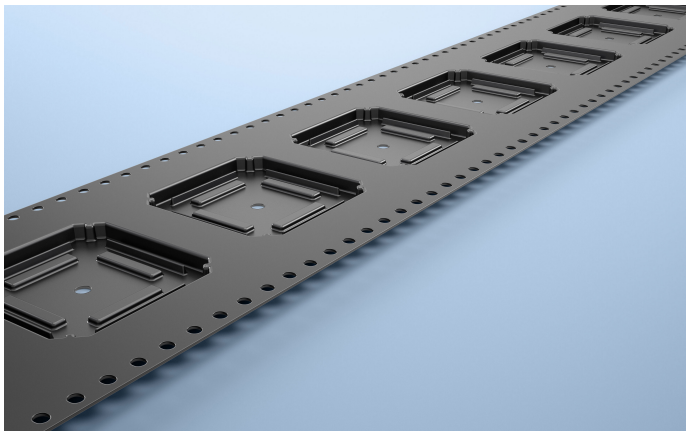
ADVANTEK
Carrying Tomorrow™

C - Series
Carrier Tape Material

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
Material Thickness	mm	-	V – 0.21 mm C – 0.30 mm X – 0.35 mm T – 0.50 mm	-
Gloss @ 60°	GU	Shiny	45 - 90	ASTM D523
		Matte	6 - 30	
Surface Resistance	Ohms	Shiny	1.0E4 - 1.0E11	STM 11.13
		Matte	1.0E4 - 1.0E11	
Tensile Strength @ Break	Psi	Machine Direction	5000 - 7000	ASTM D882
Elongation @ Break	%		50 - 100	
Glass Transition Temperature	°C	10°C/min	110 - 120	ASTM 3418
Density	g/cm3	-	1.0 - 1.5	ASTM D792
Color	-	-	Black	ADV Internal
Transmittance	%	-	-	ASTM D1003
Haze	%	-	-	

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
Material	**HUG**	**AD2**	**HUE**	**PUC**
Polystyrene Tri-Lam	✓		✓	✓

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