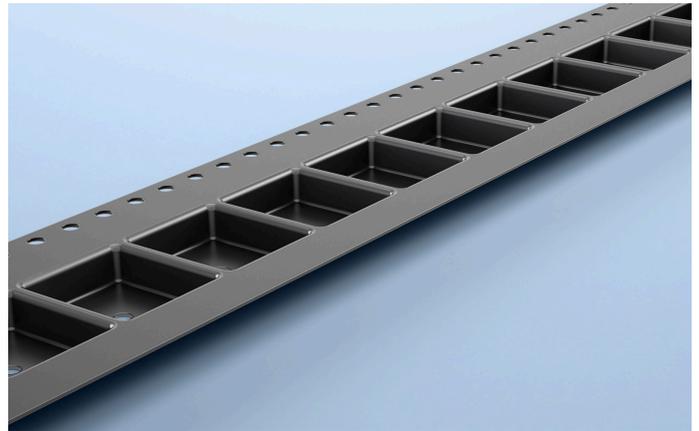


Advantek's mid-line D-Series Tri-Laminate PS+C (polystyrene with carbon) material provides an economical alternative. This modified static dissipative polystyrene offers good strength and stability over time and temperature variation. Its uniform surface texture offers a consistently flat sealing area and is suitable for use with a wide variety of pocket designs.

- > Suitable for standard and complex pocket designs
- > Recommended for widths from 8 to 24mm
- > For widths greater than 24mm, please contact your local Advantek sales representative
- > All Advantek carrier tape is manufactured in accordance with current EIA standards to ensure compatibility with tape and reel equipment



Material Properties

Property	Unit	Setup	Value	Standard
Material Thickness	mm	-	I - 0.25mm D - 0.30mm	-
Gloss @ 60°	GU	Shiny	20 - 80	ASTM D523
		Matte	3 - 20	
Surface Resistance	Ohms	Shiny	1.0E5 - 1.0E11	STM 11.13
		Matte	1.0E5 - 1.0E11	
Tensile Strength @ Break	Psi	Machine Direction	1450 - 4500	ASTM D882
Elongation @ Break	%		50 - 110	
Glass Transition Temperature	°C	10°C/min	110 - 120	ASTM 3418
Density	g/cm ³	-	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
	HUG	AD2	HUE	PUC
Polystyrene Tri-Lam	✓		✓	✓