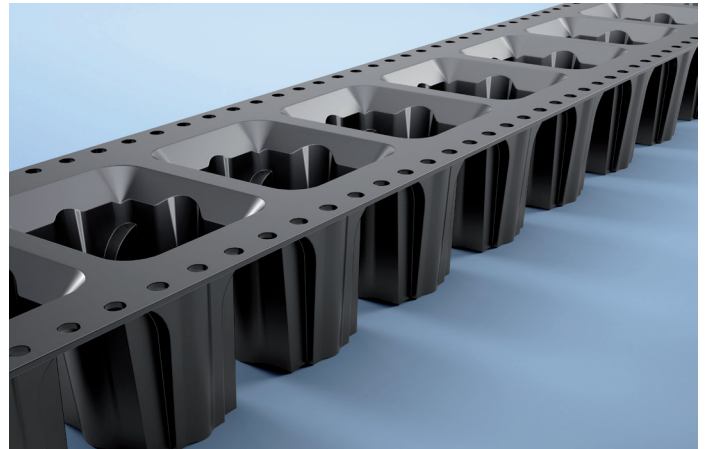


Polystyrene High Formability: K-Series



Advantek's superior high formability K-Series Tri-Laminate PS+C (polystyrene with carbon) is designed to provide strong and robust carrier tape for large and complex pockets. Combining this specialized material with Advantek's unmatched expertise in deep and complex pockets enables the ultimate in solutions for large and complex pocket requirements.

- > Engineered to create the ultimate in deep, wide, and complex pocket designs
- > Available in widths from 8mm to 200mm
- > Easily supporting pocket depths of over 25mm
- > All Advantek carrier tape is manufactured in accordance with current EIA standards to ensure compatibility with tape and reel equipment



Material Properties

Property	Value	Test Method
Material Code - Thickness	KC - 0.30mm KD - 0.35mm KU - 0.40mm KW - 0.50mm KY - 0.60mm	-
Specific Density	1.06 g/cc	ISO 1183
Elongation	38.75%	ISO 527
Tensile Strength	26.5 MPa	ISO 527
Vicat Softening (10N)	102°C (216°F)	ISO 306
Surface Resistivity	≥10E5, <10E12 Ohms/Sq	ASTM D257
Color	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 Tri-Laminate PS+C carrier tapes be used within two years from 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 at room temperature prior to use.

Camber

This Advantek Tri-Laminate PS+C 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	✓	✓	✓	✓	✓	✓	✓	✓	✓