Technology Made For You™

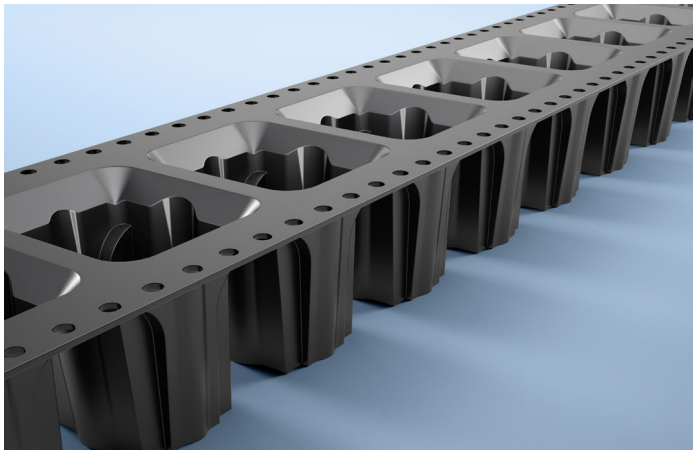
ADVANTEK

CARRIER TAPE MATERIAL

# 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<br>KD - 0.35mm<br>KU - 0.40mm<br>KW - 0.50mm<br>KY - 0.60mm | - |
| Specific Gravity | 1.06g/cc | ISO 1183 |
| Elongation | 38.75% | ISO 527 |
| Tensile Strength | 26.5 MPa | ISO 527 |
| Vicat Softening (10N) | 90°C (194°F) | ISO 306 |
| Surface Resistivity | $\geq 10^5$, $<10^{12}$ Ohms/Square | 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 |
|---|---|---|---|---|---|---|---|---|---|
| Material | HUB | HUC | HUD | HUE | HUF | AA | HSA | ABx™ | PUA |
| Polystyrene Tri-Lam | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |