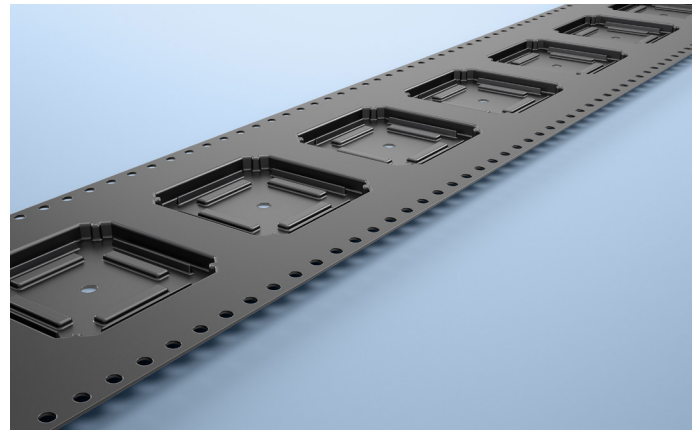


Advantek's exclusive C-Series Polystyrene Black Tri-Laminate (PS+C) carrier tape provides devices maximum protection from physical and ESD damage during shipping and storage. The C-Series is available in a variety of thicknesses to ensure the optimal design for the broadest range of applications.

- > 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 |
| Elongation | LD 65% TD 14% | LD 58% | ASTM D882 |
| Tensile Strength | LD 6575 psi TD 6445 psi | LD 6600 psi | ASTM D882 |
| 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 at 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 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 |
|---------------------|----------------|-----|-----|-----|-----|----|-----|------|--------------------|
| | HUB | HUC | HUD | HUE | HUF | AA | HSA | ABx™ | PUA |
| Polystyrene Tri-Lam | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |