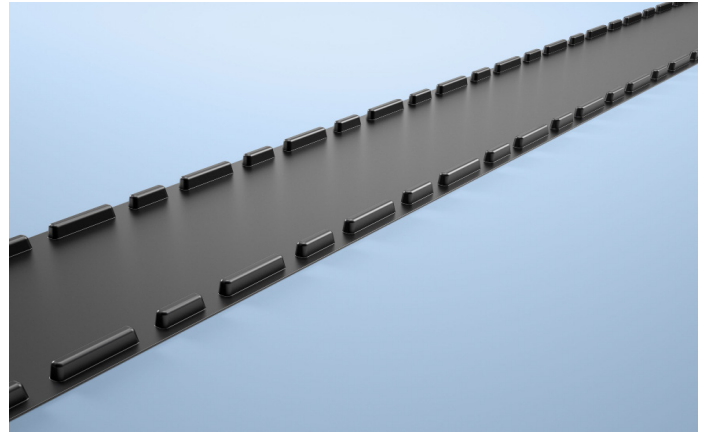




Advantek Protective Interleaf Tape™ is designed to separate sensitive components such as flex circuits or components manufactured in a continuous strip. Packaged components have minimal contact with tape, making it ideal for storage and shipment of small, thin, and lightweight component devices.

- > Protect sensitive thin-layer components during shipping and storage
- > “Bump” feature on the edges of tape allow for only minimal contact with packaged components
- > Manufactured and packaged in Class 10,000 cleanroom environment to ensure cleanliness
- > Static-dissipative to protect ESD-sensitive components from electrostatic discharge
- > Vacuum-packaged to prevent development of particulates from abrasion or vibration



Material Properties - Polystyrene

Property	Typical Value	Test Method/Standard
Specific Gravity	1.06 g/cc	ASTM D792
Tensile Strength	3210 PSI	ASTM D882 (5)
Elongation	65%	ASTM D882 (5)
Surface Resistivity	$\geq 10^5$, $< 10^{12}$ Ohms/Square	ASTM D257 Static Dissipative per EIA 541
Standard Thickness	0.20mm or 0.25mm	-

Material Properties - Polycarbonate

Property	Typical Value	Test Method/Standard
Specific Gravity	1.27 g/cc	ASTM D792
Tensile Strength	8900 PSI	ASTM D638
Elongation	8-10%	ASTM D638
Surface Resistivity	$\geq 10^5$, $< 10^{12}$ Ohms/Square	ASTM D257
Standard Thickness	0.20mm or 0.25mm	-

Note: The values presented for this product are typical laboratory data and may be changed without notice.

Shelf Life and Storage

Advantek Protective Interleaf Tape™ is unique to each application based on its bump height specification and tolerance. Special consideration is required for high temperature processes. Please consult Advantek for applications where temperatures exceed 24°C. Advantek polystyrene or polycarbonate Protective Interleaf Tape™ should be used within five years from the date of manufacture. Store the tape in its original packaging in a climate-controlled environment where temperature ranges from 21°C +/- 17°C (70°F +/- 30°F). Allow the product to stabilize at room temperature prior to use. This product is not affected by humidity.

Camber

The Advantek Protective Interleaf Tape™ meets the EIA-481 standard for camber that is not greater than 1mm in 250 linear millimeters. For 8mm to 24mm carrier tape in the level wind format, the camber will not be greater than 2mm in 250 linear millimeters.

Configuration

Advantek Protective Interleaf Tape™ is manufactured from 0.20mm or 0.25mm thick homogeneous polystyrene or polycarbonate film in widths up to 200mm. Available in a variety of materials, including static dissipative and insulative. Advantek Protective Interleaf Tape™ is shipped in reels or reel-less configurations.