



EMBOSSED CARRIER TAPES

Advantek Protective Interleaf Tape™



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 the 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 clean room 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

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.

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-D 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.

Protective Interleaf Tape™ Material Properties — Polystyrene

Property	Typical Value	Test Method/Standard
Specific Gravity	1.06 g/cc	ASTM D-792
Tensile Strength	3210 PSI	ASTM D-882 [5]
Elongation	65%	ASTM D-882 [5]
Surface Resistivity	<10 ¹² ≥10 ⁵ ohms/square	ASTM D-257 Static Dissipative per EIA 541
Standard Thickness	0.20mm or 0.25mm	—

Protective Interleaf Tape™ Material Properties — Polycarbonate

Property	Typical Value	Test Method/Standard
Specific Gravity	1.27 g/cc	ASTM D-792
Tensile Strength	8900 PSI	ASTM D-638
Elongation	8-10%	ASTM D-638
Surface Resistivity	<10 ¹² ≥10 ⁵ ohms/square	ASTM D-257
Standard Thickness	0.20mm or 0.25mm	—

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



Our wide line of component packaging products offers the flexibility you need to balance price and performance.



ADVANTEK
engineered confidence™

Embossed Carrier Tapes	SFT®	Complex Designs	Basic Designs	Interleaf Tapes		
Cover Tapes	Heat Activated		Pressure Sensitive			
Packaging Reels	Pro	Ultra	Lite	Triline		
Barrier Bags	DRYLOK®		STATLOK®			
Bands	PROBAND®		LOKBAND®			
Humidity Indicator Cards	1 Spot	3 Spot	4 Spot	6 Spot		
Desiccant	1/3 Unit	1/2 Unit	1 Unit	2 Unit	4 Unit	8 Unit
Dicing Tapes	UV Cured		Non UV Cured			

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