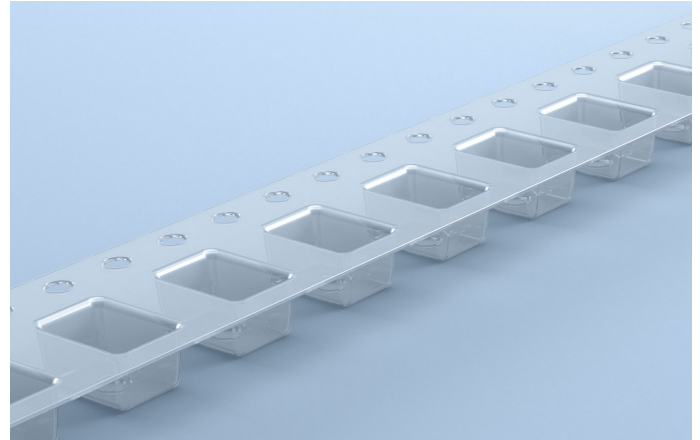


Advantek's premier Y-Series clear polycarbonate material provides excellent forming performance and strength. This clear insulative material is ideal for passive and mechanical components which are not ESD sensitive. The material's high transparency enables easy in-pocket component inspection, while its uniform surface texture provides a consistently flat sealing area.

- > Engineered for versatility and strength to support a wide range of pocket sizes and shapes
- > Available in 8mm and 12mm wide
- > 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	YF - 0.21mm YE - 0.23mm YB - 0.25mm	-
Specific Density	1.2 g/cc	ASTM D792
Tensile Stress, Yield	65 MPa	ISO 527
Tensile Strain, Break	70 MPa	ISO 527
Flexural Strength	98 MPa	ISO 527
Heat Distortion	141°C (286°F)	ISO 75
Surface Resistivity	10 ¹⁵ Ohms/sq	IEC 60093
Color	Clear	-

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

Shelf Life and Storage

We recommend this product be used within 5 years from the date of manufacture. Store in its original packaging in a climate-controlled environment where temperature ranges from 21°C +/- 17°C (70°F +/- 30°F). Product is not affected by humidity. Allow to stabilize at room temperature prior to use.

Camber

Meets current EIA-481 standard for camber that is not greater than 1 in 250 linear millimeters. For 8mm carrier tape in level wind format, 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			✓						