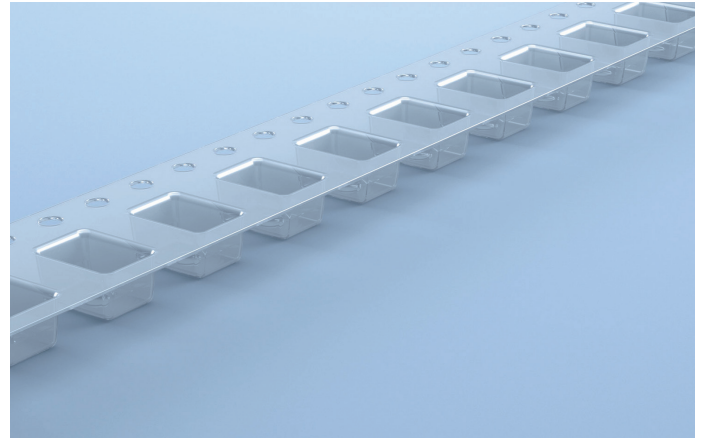


# Polycarbonate Clear Insulative Y-Series



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	1.20 g/cc	ISO 1183
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	10E15 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 that Advantek Polycarbonate carrier tapes be used within five years from the date of manufacture. Store this product in its original packaging in a climate-controlled environment at less than 60°C (140°F). This product is not affected by humidity. Allow the product to stabilize at room temperature prior to use.

## Camber

The Advantek Polycarbonate carrier tape 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
	HUB	HUC	HUD	HUE	HUF	AA	ABx™	PUA
Polycarbonate Clear Monolayer			✓					