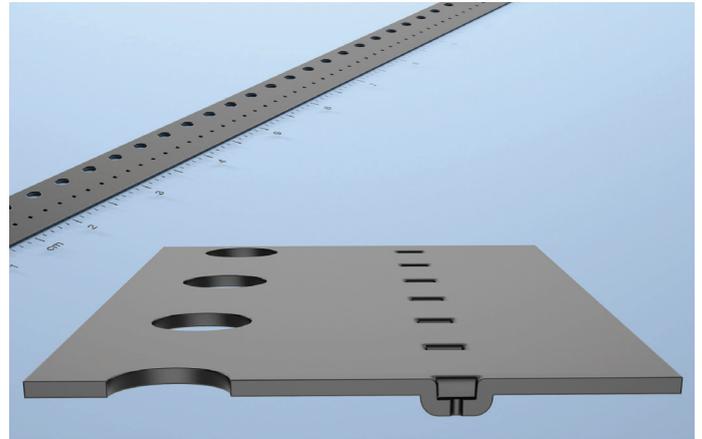


Advantek R-Series Polycarbonate material provides excellent capability for precision design requirements. It is optimized for high volume 8mm and 12mm tape widths, providing the industry's leading high precision solution for tapes requiring extreme accuracy. ESD safe polycarbonate maintains its flexibility, stability and strength through time and temperature variations.

- > Engineered for high-precision pockets supporting small components, LEDs and bare die applications
- > Engineered for high volume production
- > Optimized for 8mm and 12mm wide tapes
- > 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	RF - 0.21mm RE - 0.23mm RB - 0.25mm	-
Specific Density	1.25 g/cc	ASTM D792
Tensile Stress, Yield	590 kgf/cm <sup>2</sup>	ASTM D638
Tensile Strain, Break	20%	ASTM D638
Flexural Stress	980 kgf/cm <sup>2</sup>	ASTM D790
Heat Distortion	129°C (264°F)	ASTM D648
Surface Resistance	1.0E4 - 1.0E11 Ohms	STM 11.13
Color	Black	-

Note: Conditioned at 23 °C, 50% RH for 24 hours. Values presented are typical laboratory results 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
Polycarbonate Monolayer			✓						✓