



Advantek's F-Series polystyrene carrier tape material is clear and static dissipative. Its superior anti-static qualities are inherent and permanent, not a coating. The material's high transparency enables in-pocket part inspection, while its uniform surface texture provides a consistently flat sealing area. This special polystyrene offers exceptional strength and stability over time and temperature variations while maintaining flexibility.

- > Engineered to provide excellent Anti-Static properties in a clear PS Material
- > Available in tape widths from 8 mm to 56 mm
- > Thicknesses available 0.30 mm, 0.40 mm, and 0.50 mm



## Material Properties

Property	Unit	Setup	Value	Standard
Material thickness	mm	-	FC - 0.30mm FE - 0.40 mm FW - 0.50mm	-
Surface resistance	Ohms	-	1.0E5 - 1.0E11	ANSI 11.11 / 11.13
Tensile strength @ break	Psi	Machine direction	1450 - 4500	ASTM D882
Elongation @ break	%		9 - 75	
Glass transition	°C	10 °C/min	90 - 110	ASTM 3418
Density	g/cm <sup>3</sup>	-	1.0 - 1.5	ASTM D792
Transmittance	%	-	85 - 100	ASTM D1003
Color	-	-	Clear	-

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 2 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). The product must be protected from exposure to direct sunlight. 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
	HUG	AD2	HUE	PUC
Polystyrene	✓		✓	✓