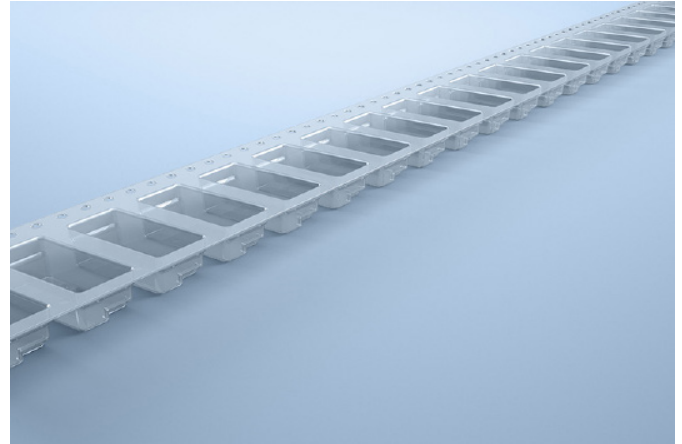


Polystyrene Clear Anti-static F-Series



Advantek's F-Series clear anti-static polystyrene carrier tape is designed to provide excellent protection to static sensitive components. Its superior anti-static qualities are inherent in the product 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 Tri-Laminate PS Material
- > Anti-static qualities are inherent in the material
- > Clear properties provide added benefits with visual inspection options
- > 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	Value	Test Method
Material Code - Thickness	FC - 0.30mm FE - 0.40 mm FW - 0.50mm	-
Specific Density	1.04 g/cc	ASTM D-792
Tensile Strength @ Yield	37.2 Kg/cm	ISO 527
Tensile Strength @ Break	35.4 Kg/cm	ISO 527
Elongation @ Break	78%	ISO 527
Heat Distortion	62°C	ASTM D-648
Surface Resistivity	$>10^5 \leq 10^{11}$	ASTM D-257
Light Transmission	72%	ISO 13468-1

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's F-Series carrier tapes be used within two years from the date of manufacture. Store this product 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. This product is not affected by humidity. Allow the product to stabilize at room temperature prior to use.

Camber

This Advantek clear PS F-Series material 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	HSA	ABx™	PUA
Polystyrene Clear Tri-Laminate		✓	✓						