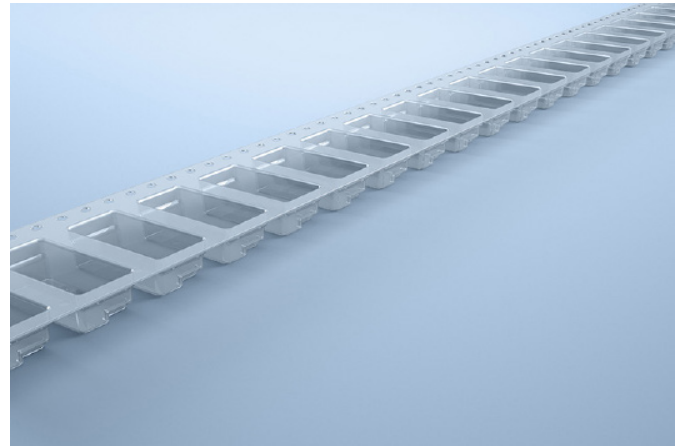


Polystyrene Clear Anti-static F-Series



Advantek's F-Series clear anti-static polystyrene carrier tape is designed to provide excellent protection to static sensitive components. Its excellent 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 | $>10^9$, $\leq 10^{11}$ Ohms/Sq | 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 |
|--------------------------------|----------------|-----|-----|-----|-----|----|-----|------|--------------------|
| Material | HUB | HUC | HUD | HUE | HUF | AA | HSA | ABx™ | PUA |
| Polystyrene Clear Tri-Laminate | | ✓ | ✓ | | | | | | |