Technology Made For You™

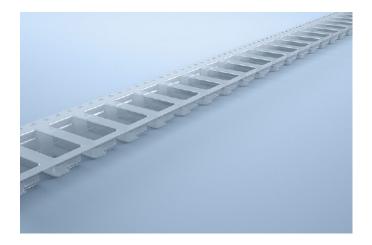
ADVANTEK[®]

CARRIER TAPE MATERIAL Polystyrene Clear Insulative S-Series



Advantek's S-Series clear insulative polystyrene carrier tape is designed for superior performance. Its insulative qualities make it ideal for packaging capacitors, mechanicals, and other passive devices. The material's high transparency enables easy in-pocket part inspection, while its uniform surface texture provides a consistently flat sealing area. This specially modified polystyrene offers exceptional strength and stability over time and temperature variations while maintaining flexibility.

- > Engineered to fit a wide range of tape sizes and pocket design features
- > Clear properties enable added benefits with visual inspection options
- > 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 | Test Method | | |
|-------------------------------|------------------------------------|-------------|-------------|--|--|
| Material Code - Thickness | S - 0.30mm | - | | | |
| Specific Gravity | 1.05g/cc JIS K 6911 | | | | |
| Elongation | 40% (MD) 30% (TD) | JIS K 6714 | | | |
| Tensile Strength | 5400 psi, MD 4830 psi, TD | JIS K 6714 | JIS K 6714 | | |
| Tensile Modulus of Elasticity | 256,000 psi, MD 242,000 psi, TD | JIS K 6734 | JIS K 6734 | | |
| Surface Resistivity | >10 ¹² Ohms/Square | ASTM D257 | | | |
| Hardness | 85 HRC | ASTM D785 | | | |
| 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 this clear monolayer PS carrier tape 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 $21^{\circ}C$ +/- $17^{\circ}C$ ($70^{\circ}F$ +/- $30^{\circ}F$). This product is not affected by humidity. Allow the product to stabilize at room temperature prior to use.

Camber

This Advantek monolayer PS 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

| Туре | | Pressure Activated | | | | | | | |
|--------------------------------|--------------|--------------------|-----|--------------|-----|----|-----|------|-----|
| Material | HUB | HUC | HUD | HUE | HUF | AA | HSA | АВх™ | PUA |
| Polystyrene Clear Monolayer | \checkmark | ~ | ✓ | \checkmark | ✓ | ✓ | ✓ | ~ | ✓ |

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