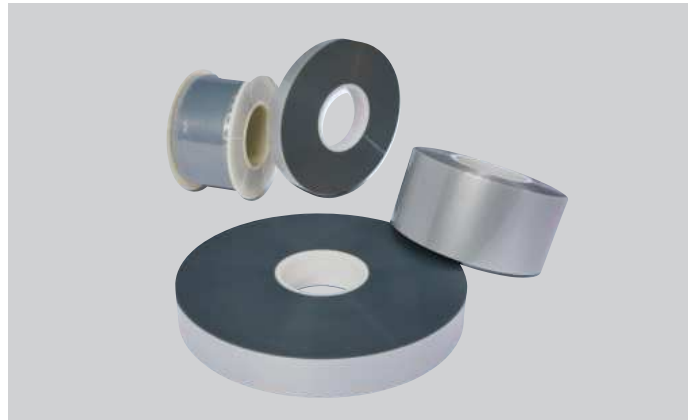




Advantek's HUC Cover tape is a static dissipative, transparent, heat sealable cover tape. It's engineered to protect and contain surface mount components in embossed polystyrene and polycarbonate carrier tapes.

- > Transparent to allow post-taping inspection of components in the pocket
- > Formulated to minimize wetting
- > Suitable for any heat taping application
- > Consistent adhesion
- > Complies with EIA-481 standards
- > Proven to perform with Advantek Polystyrene and Polycarbonate carrier tape materials
- > Lengths up to 1000m in S/W, 3000m in L/W for narrow widths
- > Halogen-Free



Material Properties

Property	Value	Test Method
Thickness	0.050±0.010 mm	N/A
Adhesion to Carrier Tape*	55±15 grams	EIA-481
Surface Resistivity	Adhesive side: ≥1.0E5, <1.0E10 Ohms/sq. Basefilm side: ≥1.0E5, <1.0E11 Ohms/sq.	ASTM D 257
Tensile Strength	≥9,000 PSI	ASTM D-882
Transparency	Transmittance: ≥86%; Haze: ≤25%; Clarity: ≥86%	ASTM D-1003
Opaque Specks	<0.50 mm ²	CCD Camera measurement

Note: The values presented for this product are laboratory results and may be changed without notice. *Tests performed under specific sealing conditions.

Construction

HUC cover tape has a polyester base film and a heat activated adhesive bottom layer. Both sides are static dissipative to ensure protection of static sensitive devices.

Configurations

HUC is provided in standard widths in 300, 500 and 1000 splice-free meters on 3" inner diameter plastic cores. Longer meter lengths in level wind is available in 3000 meters for both 8 and 12mm applications. Widths available include EIA standards for carrier tapes between 8mm and 120mm; custom widths by special request.

Shelf Life and Storage

We recommend Advantek HUC cover tape be used within 24 months from the date of manufacture. Store this product in its original packaging in a climate-controlled environment with temperatures under 30°C and relative humidity below 65%. Do not store in direct sunlight or excessive temperature/humidity for prolonged periods of time. Allow the product to stabilize at room temperature for 48 hours prior to use.

Reference Sealing Condition

Parameter	Range
Temperature	150 - 200°C
Dwell Time	0.02 - 0.40 sec.
Pressure	30 - 70 PSI
Seal Rail width	0.015 - 0.020" (0.38 - 0.51mm)

Ordering Information

Part number	Width (mm)	Length (m)
HUC0054-300	5.4±0.1	300
HUC0054-3000	5.4±0.1	3000
HUC0092-300	9.2±0.1	300
HUC0092-500	9.2±0.1	500
HUC0092-3000	9.2±0.1	3000
HUC0133-300	13.3±0.1	300
HUC0133-500	13.3±0.1	500
HUC0213-300	21.3±0.1	300
HUC0255-300	25.5±0.1	300
HUC0255-500	25.5±0.1	500
HUC0375-300	37.5±0.1	300
HUC0375-500	37.5±0.1	500
HUC0495-500	49.5±0.1	500

Note: Contact sales for availability of other widths & lengths.