

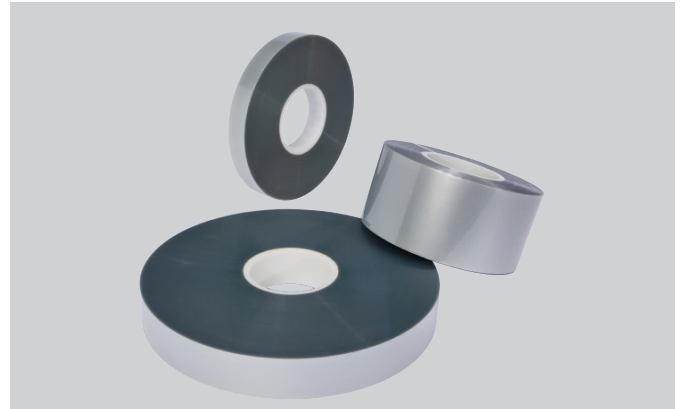


# Type HUE Antistatic Heat Activated Cover Tape



Advantek's Type HUE Cover tape is an antistatic, transparent, heat sealable cover tape. It's designed to minimize wetting and device stickiness and to protect and contain surface mount components in embossed polystyrene and polycarbonate carrier tapes.

- > Formulated to minimize wetting and device stickiness
- > Tighter range of surface resistance
- > Transparent to allow post-taping inspection of components in the pocket
- > Consistent adhesion
- > Complies with EIA-481 standards
- > Proven to perform with Advantek Carrier Tape materials of Polystyrene and Polycarbonate
- > Halogen-Free



## Material Properties

Property	Typical Value	Test Method
Thickness	0.055 mm	N/A
Adhesion to Carrier Tape	50±20 grams	EIA 481
Surface Resistivity	both sides: ≥1.0E5, <1.0E10 Ohms/sq.	ASTM D 257
Surface Resistance	both sides: ≥1.0E4, <1.0E9 Ohms	ANSI/ESD STM11.13
Tensile Strength	10,000 PSI	ASTM D 882
Elongation	90%	ASTM D 882
Transparency	Transmittance: 87%; Haze: 23%; Clarity: 87%	ASTM D 1003
Color	Transparent	

Note: The values presented for this product are typical laboratory data and may be changed without notice. 1Tests performed under specific sealing conditions.

## Construction

Type HUE cover tape contains a top layer of antistatic polyester base film, and a bottom layer of heat activated adhesive coating layer. Both sides are antistatic in tighter range of surface resistance to ensure the protection of static sensitive devices.

## Configurations

Type HUE heat activated cover tape is provided with standard width 300 and 500 splice-free meters on a 3" inner diameter plastic core. Widths available include all EIA standard widths for carrier tapes between 8mm and 120mm, plus custom widths by special request.

## Shelf Life and Storage

We recommend that the Advantek HUE 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 between 5°C ~ 35°C and relative humidity below 15% ~ 85%. Do not store in direct sunlight or excess 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	160 - 220°C
Dwell Time	0.02 - 0.50 sec.
Pressure	30 - 70 PSI
Seal Rail width	0.015 - 0.020" (0.38 - 0.51mm)

## Ordering Information

Part number	Width (mm)	Length (m)
HUE0054-300	5.4±0.1	300
HUE0092-300	9.2±0.1	300
HUE0092-500	9.2±0.1	500
HUE0133-300	13.3±0.1	300
HUE0133-500	13.3±0.1	500
HUE0213-300	21.3±0.1	300
HUE0213-500	21.3±0.1	500
HUE0255-300	25.5±0.1	300
HUE0375-300	37.5±0.1	300
HUE0375-500	37.5±0.1	500
HUE0495-300	49.5±0.1	300
HUE0495-500	49.5±0.1	500

Note: Advantek sales may advise you for the availability of other widths & lengths.