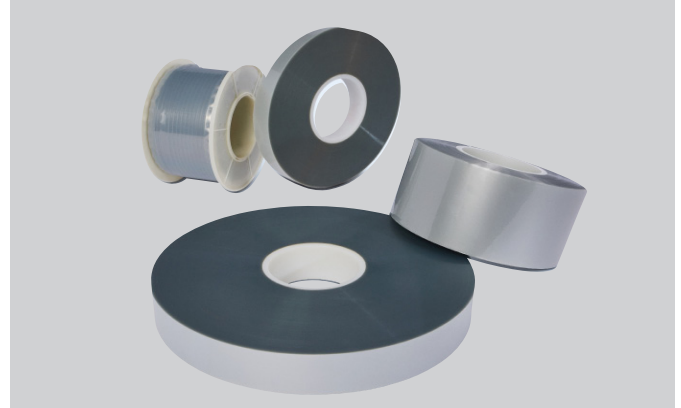


# Type HUC Antistatic Heat Activated Cover Tape



Advantek's Type HUC Cover tape is an antistatic, 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 Carrier Tape materials of Polystyrene and Polycarbonate
- > Length up to 1000m in S/W, 3000m in L/W for narrow widths
- > Halogen-Free



## Material Properties

Property	Typical Value	Test Method
Thickness	0.050 mm	N/A
Adhesion to Carrier Tape <sup>1</sup>	45±15 grams	EIA-481
Surface Resistivity	adhesive side: ≥1.0E5, <1.0E10 Ohms/sq.; Base-film side: ≥1.0E5, <1.0E11 Ohms/sq.	ASTM D-257, ANSI/ESD STM11.13
Tensile Strength	11,000 PSI	ASTM D-882
Elongation	95%	ASTM D-882
Transparency	Transmittance: 90%; Haze: 22%; Clarity: 89%	ASTM D-1003
Color	Transparent	

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

## Construction

Type HUC 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 to ensure the protection of static sensitive devices.

## Configurations

Type HUC heat activated cover tape is provided width standard width 300, 500 and 1000 splice-free meters on a 3" inner diameter plastic core. Longer meter length in level winding is available in 3000 meters for both 8 and 12mm applications. 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 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 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	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: Advantek sales may advise you for the availability of other widths & lengths.