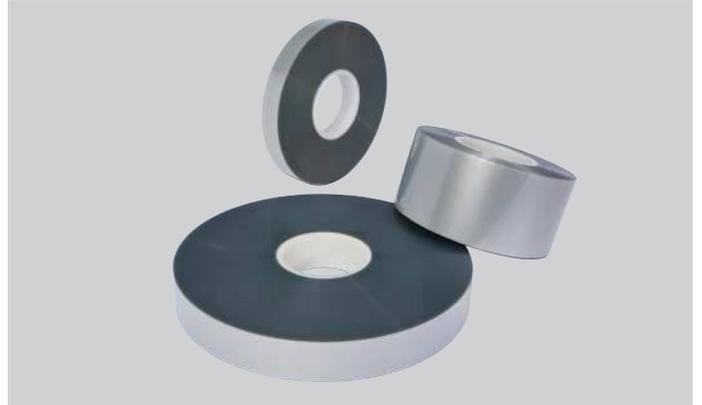




Advantek's HUG cover tape is static dissipative, transparent and heat sealable. It's engineered to protect and contain surface mount components in polystyrene and polycarbonate carrier tapes.

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



### Material Properties

Property	Value	Test Method
Thickness	0.06±0.005 mm	N/A
Adhesion to Carrier Tape*	55±20 grams	EIA 481
Surface Resistivity	≥1.0E5, <1.0E12 Ohms/sq. (both sides)	ASTM D 257
Tensile Strength	≥9000 PSI	ASTM D 882
Transparency	Transmittance: ≥85%; Haze: ≤15%; Clarity: ≥84%	ASTM D 1003
Opaque specks	≤0.5 mm <sup>2</sup>	CCD Camera measurement

Note: The values presented are laboratory result and may be changed without notice. \*Tests performed under specific sealing conditions.

### Construction

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

### Configurations

Provided in standard widths in 300, 500 and 1000 splice-free meters on 3" inner diameter plastic cores. 3000m length in level winding is available for both 8 and 12mm applications. Widths available include EIA standards for carrier tapes between 8 and 72 mm; custom widths by special request.

### Shelf Life and Storage

We recommend product 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 15 - 30°C and relative humidity between 55 - 85%. 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	130 - 190°C
Dwell Time	0.02 - 0.50 sec.
Pressure	20 - 50 PSI
Seal Rail width	0.015 - 0.020" (0.38 - 0.51mm)

### Ordering Information

Part number	Width (mm)	Length (m)
HUG0053-500	5.3±0.1	500
HUG0054-500	5.4±0.1	500
HUG0054-3000	5.4±0.1	3000
HUG0092-500	9.2±0.1	500
HUG0093-500	9.3±0.1	500
HUG0133-500	13.3±0.1	500
HUG0210-500	21.0±0.1	500
HUG0213-500	21.3±0.1	500
HUG0255-500	25.5±0.1	500
HUG0375-500	37.5±0.1	500
HUG0495-500	49.5±0.1	500
HUG0655-300	65.5±0.1	300
HUG0795-300	79.5±0.1	300
HUG0975-300	97.5±0.1	300
HUG1113-300	113.0±0.1	300

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