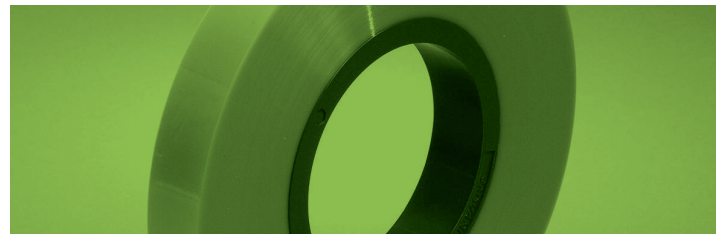




## COVER TAPES

# Type HUD Heat Activated Antistatic Cover Tape



Advantek's Type HUD Cover Tape is an antistatic, transparent, heat sealable cover film. It is engineered to protect and contain surface mount components in embossed polystyrene and polycarbonate carrier tapes.

- Transparent to allow post-taping inspection of components while in the pocket
- Suitable for fast tape application
- Suitable for any heat sealing taping application
- Consistent adhesion
- Complies with EIA-481 standards
- Proven to perform with these Advantek Carrier Tape materials:
  - Polystyrene, Homogenous Polystyrene
  - Polycarbonate

### Construction

Type HUD Cover Tape contains a top layer of antistatic PET 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 HUD Heat Activated Cover Tape is provided standard with 500 splice-free meters, customized length would be discussed case by case. Widths available include all EIA standard widths for carrier tapes between 8mm and 56mm, plus custom widths by special request.

Part Number	Width
HUD0054-500	5.4mm +/- 0.1
HUD0055-500	5.5mm +/- 0.1
HUD0092-500	9.2mm +/- 0.1
HUD0093-500	9.3mm +/- 0.1
HUD0133-500	13.3mm +/- 0.1
HUD0135-500	13.5mm +/- 0.1
HUD0213-500	21.3mm +/- 0.1
HUD0255-500	25.5mm +/- 0.1
HUD0375-500	37.5mm +/- 0.1
HUD0495-500	49.5mm +/- 0.1

Note: The part numbers listed here are just examples, you may check Advantek sales for the availability of other width and length.

### Recommended Sealing Conditions (Single-Strike Seal Mode)

Temperature	140° - 190°C
Dwell Time	0.01 - 0.40 sec.
Pressure	30 - 70 PSI
Seal Rail Width	0.015 - 0.020" (0.38 - 0.51mm)

### Material Properties

Property	Typical Value	Test Method/Standard
Thickness	0.053 mm	N/A
Adhesion to Carrier	45+/-30 <sup>1</sup>	EIA-481
Surface Resistivity (ohms/square)	Adhesive: <10 <sup>12</sup> back side: < 10 <sup>12</sup>	ASTM D-257
Tensile Strength	9000 PSI	ASTM D-882
Elongation	130%	ASTM D-882
Transparency	91% Transmittance 57% Clarity 32% Haze	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.

### Shelf Life and Storage

We recommend that the Advantek HUD 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 15°C~30°C and relative humidity between 20%~70%. Do not store in direct sunlight or excess temperature/humidity for prolonged periods of time. Allow the product to stabilize at room temperature for at least 4 hours prior to use.



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Embossed Carrier Tapes	SFT®	Complex Designs	Basic Designs	Interleaf Tapes			
Surftape®	Bare Die	Micro Thin					
Cover Tapes	Heat Activated	Pressure Sensitive					
Packaging Reels	Jumbo™	Ultra™	Pro™	Lite™	Trimline™	Mini	
Barrier Bags	DRYLOK®	STATLOK®					
Bands	PROBAND®	LOKBAND®					
Humidity Indicator Cards	1 Spot	3 Spot	4 Spot	6 Spot			
Desiccant	1/6 Unit	1/3 Unit	1/2 Unit	1 Unit	2 Unit	4 Unit	8 Unit

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