

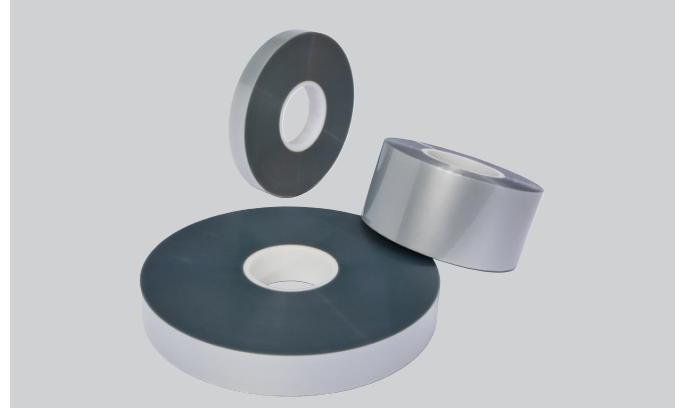


Type HUD Antistatic Heat Activated Cover Tape



Advantek's Type HUD 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
- > Suitable for fast taping application
- > Suitable for any heat taping application
- > High adjustability of PBF
- > 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	0.053 mm	N/A
Adhesion to Carrier Tape ¹	45±30 grams	EIA-481
Surface Resistivity	both sides: $\geq 1.0E5$, $< 1.0E12$ Ohms/sq.	ASTM D-257
Tensile Strength	9,000 PSI	ASTM D-882
Elongation	130%	ASTM D-882
Transparency	Transmittance: 91%; Haze: 32%; Clarity: 57%	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 HUD 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 HUD heat activated cover tape is provided width 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 56mm, plus custom widths by special request.

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%-60%. Do not store in direct sunlight or excess temperature/humidity for prolonged periods of time. Allow the product to stabilize at room temperature for 4 hours prior to use.

Reference Sealing Condition

Parameter	Range
Temperature	140 - 230°C
Dwell Time	0.01 - 0.50 sec.
Pressure	30 - 80 PSI
Seal Rail width	0.015 - 0.020" (0.38 - 0.51mm)

Ordering Information

Part number	Width (mm)	Length (m)
HUD0054-300	5.4±0.1	300
HUD0092-300	9.2±0.1	300
HUD0092-500	9.2±0.1	500
HUD0133-300	13.3±0.1	300
HUD0133-500	13.3±0.1	500
HUD0213-300	21.3±0.1	300
HUD0213-500	21.3±0.1	500
HUD0255-300	25.5±0.1	300
HUD0255-500	25.5±0.1	500
HUD0495-300	49.5±0.1	300
HUD0495-500	49.5±0.1	500

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