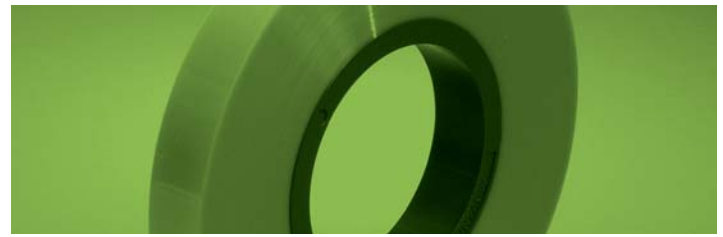




## COVER TAPES

# Type NS Heat Activated Non-Antistatic Cover Tape



Advantek's Type NS Cover Tape is a transparent, heat sealable polyester cover film engineered to protect and contain surface mount components in a wide range of both conductive and non-conductive carrier tapes. Type NS Cover Tape's adhesive system has been proven, with millions of meters of defect-free product manufactured and sold since 1986.

- Performs within EIA-481 bonding guidelines
- Proven to work effectively with the following Advantek Carrier Tape materials:
  - Types C, X, V & T Static Dissipative Polystyrene
  - Types J, K, L & O Homogenous Polystyrene
- Halogen Free

### Construction

Type NS Cover Tape is constructed in two layers, a 0.00092" polyester base film covering a 0.0015" heat-activated adhesive coating layer (total 0.062mm nominal).

### Configurations

Type NS Heat Activated Non-Antistatic Cover Tape is provided splice-free on 3" inner diameter plastic cores. Available widths include all EIA standard widths for carrier tapes from 8mm to 56mm. Additional widths may be available by special request.

Part Number	Tape Width	Meters Per Roll
NS05406SP	5.4mm +/- 0.10	200
NS05506SP	5.5mm +/- 0.10	200, 480
NS09506SP	9.5mm +/- 0.10	200, 480
NS13306SP	13.3mm +/- 0.10	200
NS13506SP	13.5mm +/- 0.10	200
NS21006SP	21.0mm +/- 0.10	200
NS25506SP	25.5mm +/- 0.10	200
NS37506SP	37.5mm +/- 0.10	200
NS49506SP	49.5mm +/- 0.10	200

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

Temperature	170° - 200°C
Dwell Time	0.1 - 1.0 sec.
Pressure	30 - 35 PSI
Seal Rail Width	0.015 - 0.020" (0.38 - 0.51mm)

### Material Properties

Property	Typical Value	Test Method/Standard
Adhesion to Carrier**	40 +/- 30 grams <sup>1</sup>	EIA-481
Surface Resistivity	N/A	ASTM D-257
Tensile Strength	7,200 PSI	ASTM D-882
Elongation	100%	ASTM D-882
Gauge	0.062 +/- 0.007mm	ASTM D-374
Transparency	80% Transmittance 50% Haze	ASTM D-1003
Color	Natural, non-pigmented	N/A
Standard Roll	3" I.D. core	N/A

<sup>1</sup>Tests performed under specific sealing conditions.

Note: The values presented for this product are typical laboratory data and may be changed without notice.

### Shelf Life and Storage

Type NS Cover Tape has a shelf life of 1 year from the date of manufacture when kept in recommended conditions. Store this product in its original packaging in a climate-controlled environment with temperatures between 4°C and 38°C (39°F - 100°F) and relative humidity under 80%.

Material	Cover Tape Products								
	AA	ABX	AD	AHP	AHPC	APC	ATA	NS	PS3
PC			X		X	X	X		
PS, Homogenous PS	X	X	X	X			X	X	X



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Embossed Carrier Tapes	SFT®	Complex Designs	Basic Designs	Interleaf Tapes		
Cover Tapes	Heat Activated	Pressure Sensitive				
Packaging Reels	Pro	Ultra	Lite	Trimline		
Barrier Bags	DRYLOK®	STATLOK®				
Bands	PROBAND®	LOKBAND®				
Humidity Indicator Cards	1 Spot	3 Spot	4 Spot	6 Spot		
Desiccant	1/3 Unit	1/2 Unit	1 Unit	2 Unit	4 Unit	8 Unit
Dicing Tapes	UV Cured	Non UV Cured				

Germany: +49-761-45546-0  
 North America: +1-510-623-1877  
 Philippines: +63-49-545-6350  
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 China: +86-21-5048-4588  
 Taiwan: +886-2-2290-1789  
 Japan: +81-49-229-5100

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