



COVER TAPES

Type S Heat Activated Non-Antistatic Cover Tape



Advantek's Type S 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 S 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 S 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 S 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.

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'	EIA-481
Surface Resistivity	N/A	ASTM D-257
Tensile Strength	3.2 KG/cm width	ASTM D-882
Elongation	100%	ASTM D-882
Gauge	0.062 +/- 0.007mm	ASTM D-374
Color	Natural, non-pigmented	N/A
Standard Roll	3" I.D. core	N/A

*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 S 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	AHP	ABX	ATA	PS3	APC	AHPC
G (Polycarbonate)				X		X	X
C (Polystyrene)	X	X	X	X	X		



Our wide line of component packaging products offers the flexibility you need to balance price and performance.



ADVANTEK
engineered confidence™

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
 Singapore: +65-6759-6800
 China: +86-21-5048-4588
 Taiwan: +886-2-2290-1789
 Japan: +81-49-229-5100

advantek.com