



Type S Heat Activated Non-Antistatic Cover Tape

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 Carrier Tape materials: Types C, X, V & T Static Dissipative Polystyrene, Types J, K, L & O Homogenous Polystyrene
- Halogen Free

0.00092" Antistatic Polyester Film

0.0015" Adhesive Coating

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 (+/- 0.10)	Meters Per Roll
NS05406SP	5.4mm	200
NS05506SP	5.5mm	200, 480
NS09506SP	9.5mm	200, 480
NS13306SP	13.3mm	200
NS13506SP	13.5mm	200
NS21006SP	21.0mm	200
NS25506SP	25.5mm	200
NS37506SP	37.5mm	200
NS49506SP	49.5mm	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 – 0.51 mm)

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%.

Type S Heat Activated Non Antistatic Cover Tape Material Properties

The values presented for this product are typical laboratory data and may be changed without notice. ¹Tests performed under specific sealing conditions.

Property	Typical Value	Test Method / Standard
Adhesion to Carrier	40 +/- 30 grams ¹	EIA-481-B
Surface Resistivity	N/A	ASTM D-257
Tensile Strength	3.2kg/cm width	ASTM D-882
Elongation	100%	ASTM D-882
Gauge	0.062 +/- 0.007mm	ASTM D-374
Colour	Natural, non-pigmented	-
Standard Roll	3" I.D. Core	-

Cover Tape Compatibility

Material	AA	AHP	ABX	ATA	PS3	APC	AHPC
G (Polycarbonate)						X	X
C (Polystyrene)	X	X	X	X	X		