



PSA Cover Tape ST30 - Antistatic

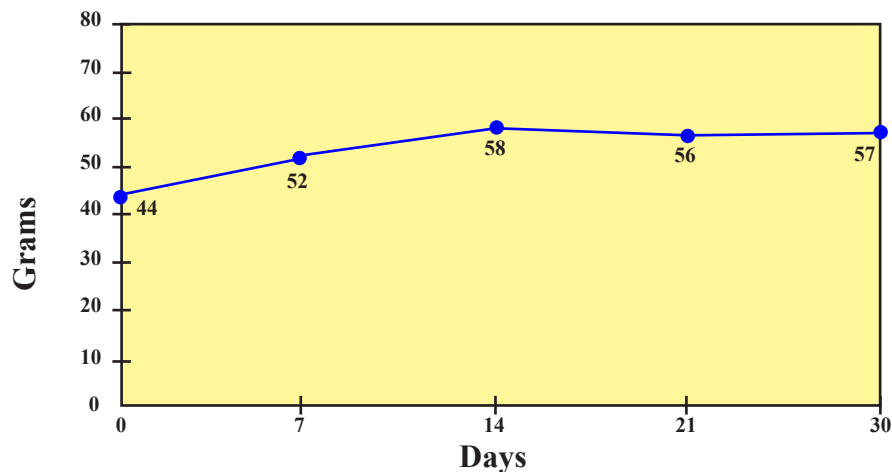
CONSTRUCTION: 0.00092" Polyester film
0.00100" Pressure sensitive acrylic adhesive
0.00048" Antistatic polyester film

- BENEFITS:**
- Protects surface mounted components
 - Performs within EIA 481 bonding requirements
 - Engineered for polystyrene carrier tapes
 - Re-sealable

TYPICAL PROPERTIES	VALUE	TEST METHOD
Overall Thickness	.0024" (61 microns)	ASTM D374
Min. Break Strength	30 lbs/in. width	ASTM D882
Elongation	100% min.	ASTM D882
Overall Width Tolerance	< 65.5 mm nominal +/- 0.10 mm 65.5 mm - 81.5 mm +/- 0.15 mm 82.0 mm - 113.5 mm +/- 0.20 mm 114 mm - 145.5 mm +/- 0.25 mm > 146 mm +/- 0.30 mm	Laser Micrometer
Adhesive Edge Tolerance	+/- 0.20 mm	Laser Micrometer
Resistivity	10 ⁹ -10 ¹⁰ ohm/square	ASTM D257
Haze	< 20%	ASTM D1003

AGED BOND PROFILE*

Conditions: 52°C @ 95% R.H.



*Sealed on flat polystyrene sheet stock @ 40 psi, 2 meters per min.



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AVAILABLE WIDTHS

Tape Width (mm)	5.5*	9.3*	13.3	21.3	25.5	37.5	49.5	65.5
Adhesive Edge Each Side (mm)	.75	1	1	1.5	1.5	1.5	1.5	2
Rolls Per Box	50	30	15	10	10	5	5	3

*not available in 500 meter length

PACKAGING

Splice Free Lengths: 300 meters
500 meters

Plastic Cores: 3" I.D. (76.2 mm)

RECOMMENDED SEALING CONDITIONS

Temperature: 70°F (23°C)

Pressure: 40 psi

Speed: 2 meters/min.

STORAGE CONDITIONS

ST30 cover tapes should be stored in a controlled environment. The optimum conditions defined below will yield a shelf life of 24 months from the manufacturing date found on the core label and ensure the maximum service life of the product.

Temperature: Not to exceed 40°C (105°F)

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