



PSA Cover Tape ST31 - Insulative

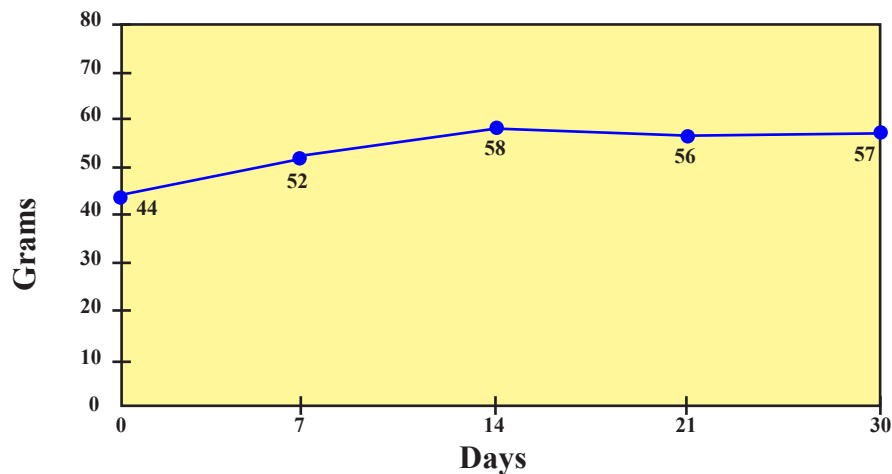
CONSTRUCTION: 0.00092" Polyester film
0.00100" Pressure sensitive acrylic adhesive
0.00048" Polyester film

- 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	+/- 0.10 mm	Laser Micrometer
Adhesive Edge Tolerance	+/- 0.20 mm	Laser Micrometer
Resistivity	Not antistatic	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.



PSA Cover Tape ST31 - Insulative

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

ST31 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 25°C (75°F)

The data presented here are intended for product selection purposes only. NEPTCO reserves the right to improve, enhance, and modify the features and specifications of these products. This data is provided for informational purposes only. Please contact your NEPTCO representative to determine the current product matching your specific requirements.

NEPTCO only warrants that its product will work in a manner consistent with the capabilities for which they were designed. This warranty shall be void if the product has been tampered with or improperly used.

Except for the express warranty and limited remedies described herein, NEPTCO disclaims all other warranties, expressed or implied, including the implied warranty of merchantability and the implied warranty of fitness for a particular purpose.

The Buyer's remedies under the limited warranty stated above shall be limited to a return of the purchase price of the product. NEPTCO and its authorized agents shall not be liable for any other damages including consequential damages, incurred in connection with the use or performance of the product.

NEPTCO, Incorporated
Box 2323, 30 Hamlet Street
Pawtucket, RI 02861-0323 USA
TEL: 401-722-5500
FAX: 401-722-6378
www.neptco.com