

ST21

Antistatic Cover Tape for Polystyrene Carrier Tape

CONSTRUCTION: 0.00092" Polyester film (polyethylene terephthalate)
0.0012" Heat activated adhesive

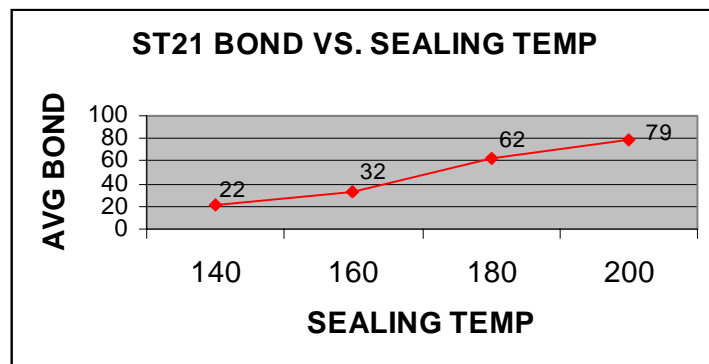
DESCRIPTION: Clear polyester film coated with heat activated adhesive and anti-static properties.

- BENEFITS:**
- Wide range of sealing temperatures
 - Protects surface mounted components
 - Consistent seal within EIA 481 requirements
 - Stable antistatic properties

TYPICAL PROPERTIES	VALUE	TEST METHOD
Overall Thickness	0.0021" +/- .0002 0.053mm +/- .005mm	ASTMD374
Break Strength	20 lbs/in. width 6.4kg/mm ²	ASTMD882
Elongation	100% min.	ASTMD882
Width Tolerance	+/- 0.10mm	Laser Micrometer
Resistivity (ohm/sq.)	1.0E10 ⁸ TO 9.9e10 ¹⁰	ASTMD257
Haze	45% maximum	ASTMD1003-97
Luminous Transmittance	90%+	ASTMD1003-97

BOND PROFILE

Conditions
 Shoe Width = .018" / .46mm
 Dwell Time = .35 sec.
 Pressure = 32 psi



RECOMMENDED SEALING CONDITIONS

Temperature	140°-180°	Pressure	30-40PSI
Time	.25-.40Sec.	Seal Rail Width	.015"- .020"

PLEASE SEE REVERSE SIDE FOR ADDITIONAL INFORMATION



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PACKAGING

WIDTHS: 5.3mm, 5.4mm, 5.5mm, 9.2mm, 9.3mm, 9.5mm, 13.1mm, 13.2mm, 13.3mm, 13.4mm, 13.5mm, 21.0mm, 21.3mm, 25.5mm, 26.0mm, 30.0mm, 37.5mm, 49.5mm, 65.5mm, 81.5mm, 113.5mm

SPLICEFREELENGTHS: 300 or 500 meters +10/-0

CORES: Plastic 3" I.D.

COLOR: Natural*

*Slight variations which do not affect product performance are normal.

STORAGE

ST21 cover tapes should be stored in a controlled environment. The optimum conditions defined below will yield a shelf life of two years from the manufacturing date found on the core label and ensure the maximum service life of the product.

Temperature: 27°C +/- 10°

Humidity: 50% R.H. +/- 20%

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