



# ST10

## Antistatic Cover Tape for Polystyrene Carrier Tape

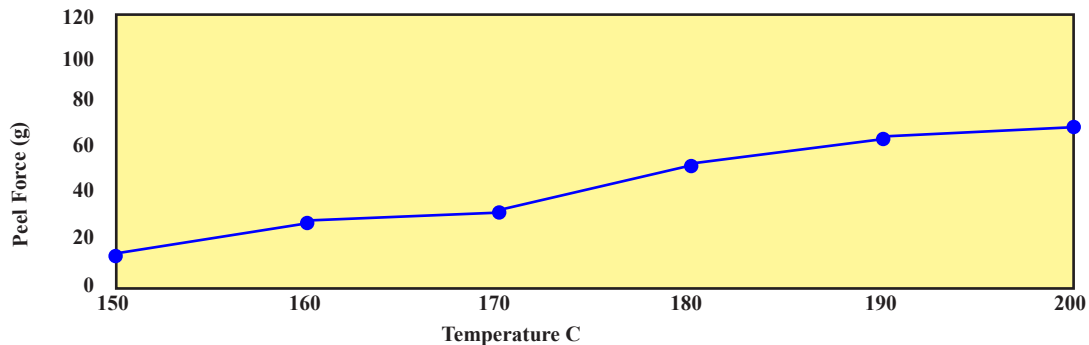
**CONSTRUCTION:** .001" Polyester film (polyethylene terephthalate)  
.001" Heat activated adhesive

**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	.0022	ASTM D374
Break Strength	20 lbs/in. width	ASTM D882
Elongation	100% min.	ASTM D882
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
Resistivity (ohm/sq.)	Film Side $1.0 \times 10^{10}$ Adhesive Side $1.0 \times 10^{10}$	ASTM D257
Haze	75% Max.	ASTM D1003-95
Luminous Transmittance	90%	ASTM D1003-95

### BOND PROFILE



Equipment: Systemation MT30  
Conditions: 32 PSI, .35 Sec.

Base Stock: Polystyrene  
Bonds taken after 24 hours, 23°C

### RECOMMENDED SEALING CONDITIONS

Temperature	150° - 200° C	Pressure	30 - 40 PSI
Time	.25 - .40 Sec.	Seal Rail Width	.015" - .020"

PLEASE SEE REVERSE SIDE FOR ADDITIONAL INFORMATION



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### PACKAGING

<b>WIDTHS:</b>	Widths available to fit all standard carrier tapes.
<b>SPLICE FREE LENGTHS:</b>	300 meters +6/-0 500 meters +10/-0
<b>CORES:</b>	3" I.D.
<b>COLOR:</b>	Natural*

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

### STORAGE CONDITIONS

ST10 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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