



ST21HF

Antistatic Cover Tape for Polystyrene Carrier Tape

Construction:

- .00092" Polyester film (polyethylene terephthalate)
- .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

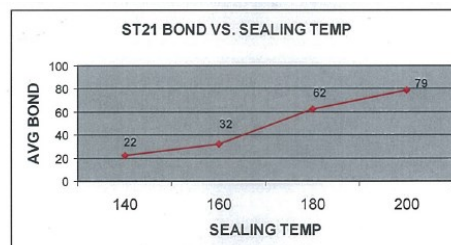
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TYPICAL PROPERTIES	VALUE	TEST METHOD
Thickness	0.0021" +/- .0002" 0.053 mm +/- .005 mm	ASTM-D374
Break Strength	20 lbs / in width 6.4 kg;/mm ²	46 N/10 mm width ASTM D882
Elongation	100% min.	ASTM D882
Width Tolerance	<65.5 mm nominal 65.5 mm - 81.5 mm 82.0 mm -113.5 mm 114 mm -145.5 mm >146 mm	+/- 0.10 mm +/- 0.15 mm +/- 0.20 mm +/- 0.25 mm +/- 0.30 mm Laser Micrometer
Resistivity (ohm/sq.)	1.0E 10 ⁹ to 9.9E 10 ¹⁰	ASTM D257
Haze	45% Max.	ASTM D1003-97
Luminous Transmittance	90%+	ASTM D1003-97

BOND PROFILE

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



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RECOMMENDED SEALING CONDITIONS

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

PACKAGING

WIDTH: 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.

SPLICE FREE LENGTHS: 300 or 500 meters +10/-0

CORES: Plastic 3" I.D.

COLOR: Natural*

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

STORAGE CONDITIONS

ST21HF 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 °C
Humidity: 50% R.H. +/- 20%



Please review supplier information before handling and / or using this product.

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