



Type ATA™ Heat Activated Antistatic Cover Tape

Type ATA™ Cover Tape offers excellent clarity and highly consistent adhesion. Its smooth adhesive finish refracts little light, greatly enhancing the tape's clarity while reducing its haze. These features improve your ability to conduct post-taping in-pocket inspection of components. ATA also works with polycarbonate carrier tape.

- Halogen Free , ultra clear tape to allow post-taping inspection of components while in the pocket
- Performs within EIA-481 bonding guidelines
- Proven to work effectively with the following Carrier Tape materials: Types C, X, V & T Static Dissipative Polystyrene, Types J, K, L & O Homogenous Polystyrene, Types G, N & Q Polycarbonate

0.0010" Antistatic Polyester Base Film

0.015" Antistatic Adhesive Coating

Part Number	Tape Width (+/- 0.10)
ATA0054	5.4mm
ATA0092	9.2mm
ATA0133	13.3mm
ATA0210	21.0mm
ATA0255	25.5mm
ATA0375	37.5mm
ATA0495	49.5mm

SHELF LIFE AND STORAGE

Type ATA™ Heat Activated Antistatic Cover Tape has a shelf life of 24 months from the date of manufacture when kept in recommended conditions. Store this product in its original packaging in a climate-controlled environment where temperatures do not exceed 40°C (104°F) and relative humidity is under 80%. Exceeding these recommended storage conditions could result in inconsistent product performance.

CONSTRUCTION

Type ATA™ Cover Tape is constructed in two layers, a 0.0010" polyester base film over a 0.0015" heat-activated adhesive coating layer. Both layers are antistatic to protect static sensitive devices.

CONFIGURATIONS

Type ATA™ Heat Activated Cover Tape rolls are 480 splice-free meters on a 3" inner diameter plastic core. Standard Roll: 3" I.D. core, 480 meters.

RECOMMENDED SEALING CONDITIONS

The detailed sealing parameters apply to single strike seal mode. Multi-strike, or overlap sealing, may require adjustment outside of these ranges.

	Polystyrene	Polycarbonate
Temperature	160° – 180° C	200° – 210° C
Dwell Time	0.2 – 0.5 sec	0.3 – 0.5 sec
Pressure	30 – 35 PSI	30 – 35 PSI
Seal Rail Width	0.015–0.020"/(0.38–0.51 mm)	0.015–0.020"/(0.38–0.51 mm)

Type ATA™ Heat Activated Antistatic Cover Tape Material Properties

Note: The values presented for this product are typical laboratory data and may be changed without notice.

Property	Typical Value	Test Method / Standard
Adhesion to Carrier	50 +/- 20 grams	EIA-481-B
Surface Resistivity	<10 ¹² ≥10 ⁵ ohms/square (both sides)	ASTM D-257 @ 50% RH
Tribo-electric Potential	50 volts max	RS481-A
Tensile Strength	8,100 PSI	ASTM D-882
Elongation	110% +/- 10%	ASTM D-882
Transparency	90% Transmittance 89% Clarity 20% Haze	ASTM D-1003
Colour	Natural, non-pigmented	-

Cover Tape Compatibility							
Material	AA	AHP	ABX	ATA	PS3	APC	AHPC
G (Polycarbonate)				X		X	X
C (Polystyrene)	X	X	X	X	X		