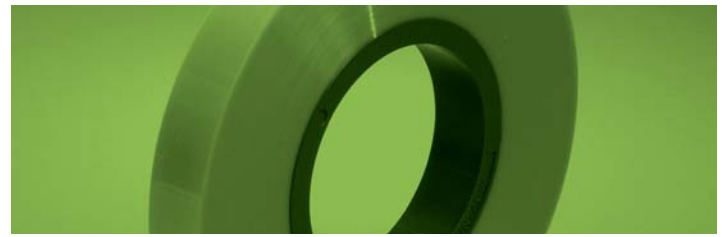




## COVER TAPES

# Type PS3 Pressure Sensitive Antistatic Cover Tape



PS3 is an antistatic, transparent, pressure sensitive adhesive cover tape engineered to protect and confine surface mount components contained in our polystyrene carrier tapes.

- Meets EIA-481 bonding/peel-back force requirements
- Bonds to polystyrene carrier tapes
- Re-sealable
- Proven to work effectively with the following Advantek Carrier Tape materials:
  - Types C,X,V & T Static Dissipative Polystyrene
  - Types K, L & O Homogenous Polystyrene

### Construction

Type PS3 Cover Tape is constructed in three layers, a 0.00092" polyester base film covered by a 0.00050" pressure sensitive acrylic adhesive, with a 0.00048" antistatic polyester film on the device side.

### Configurations

Type PS3 Cover Tape is provided splice-free on 3" inner diameter plastic cores.

### Shelf Life and Storage

Part Number*	Tape Width	Adhesive Width/Side	Roll Length	Rolls Per Box
PS30055-300	5.5mm	0.75mm	300m	50
PS30093-300	9.3mm	1.0mm	300m	30
PS30133-300	13.3mm	1.0mm	300m	15
PS30213-xxx	21.3mm	1.0mm	300 & 500m	10
PS30255-xxx	25.5mm	1.5mm	300 & 500m	10
PS30375-xxx	37.5mm	1.5mm	300 & 500m	5
PS30495-xxx	49.5mm	1.5mm	300 & 500m	5
PS30655-xxx	65.5mm	2.0mm	300 & 500m	3
PS30815-xxx	81.5mm	2.0mm	300 & 500m	3
PS30975-xxx	97.5mm	2.0mm	300 & 500m	2

\* Note: Part number for 21.3mm and wider is dependent on roll length; use 300 or 500 in place of "xxx".

### Type PS3 Recommended Sealing Parameters

Application Method	Roller @ 2 meters/minute
Temperature	Ambient
Pressure	40 PSI
Humidity	Ambient

### Material Properties

Property	Typical Value	Test Method/Standard
Overall Thickness	0.0019" (0.048mm)	ASTM D-374
Initial Adhesion to Carrier**	45 +/- 15g 1 (< 5.5mm width) 60 +/- 20g 1 (< 21.3mm width) 85 +/- 25g 1 (> 25.5mm width)	EIA-481
Surface Resistivity	Adhesive side: <math>10^{12}</math> - <math>10^{15}</math> ohms/square Back side: Non-conductive	ASTM D-257
Tensile Strength	10,500 PSI	ASTM D-882
Elongation	100% minimum	ASTM D-882
Overall Width Tolerance	+/- 0.10mm	Laser Micrometer
Adhesive Edge Tolerance	+/- 0.20mm	Laser Micrometer
Transparency	93% Transmittance	ASTM D-1003
	3% Haze	
	97% Clarity	
Color	Transparent	NA

\* Tests performed under specific sealing conditions on formed polystyrene tape

\*\* Aging at 52°C and 95% RH increased adhesion to carrier by 80%

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

Type PS3 Pressure Sensitive 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.

Material	Cover Tape Products								
	AA	ABX	AD	AHP	AHPC	APC	ATA	NS	PS3
PC			X		X	X	X		
PS, Homogenous PS	X	X	X	X			X	X	X



Our wide line of component packaging products offers the flexibility you need to balance price and performance.



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engineered confidence™

Embossed Carrier Tapes	SFT®	Complex Designs	Basic Designs	Interleaf Tapes		
Cover Tapes	Heat Activated	Pressure Sensitive				
Packaging Reels	Pro	Ultra	Lite	Trimline		
Barrier Bags	DRYLOK®	STATLOK®				
Bands	PROBAND®	LOKBAND®				
Humidity Indicator Cards	1 Spot	3 Spot	4 Spot	6 Spot		
Desiccant	1/3 Unit	1/2 Unit	1 Unit	2 Unit	4 Unit	8 Unit
Dicing Tapes	UV Cured	Non UV Cured				

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