

# Athena 2120

## Anti-Static Polyimide Film Tape

Created: 2007-03-20  
Updated: 2018-01-04

### GENERAL INFORMATION

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Athena 2120 is a polyimide film tape coated with a special surface conductive adhesive, which eliminates static generation during unwinding and application. Easy to apply and leaves no residue after removal.

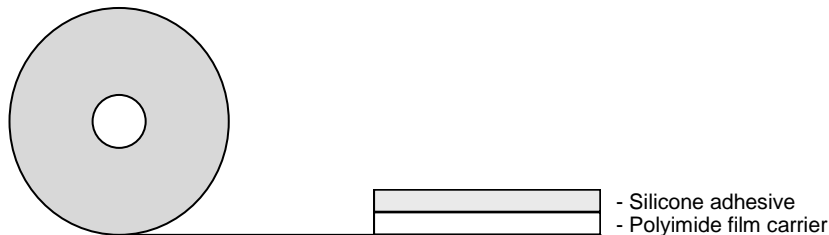
- 0,060mm thick
- Silicone adhesive
- Temperature resistant up to 300°C
- Anti-static

Athena 2120 can be die-cut for custom made parts and is available in all dimensions but standard widths are:

- 7mm x 33m
- 15mm x 33m
- 25mm x 33m

### CONSTRUCTION

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### APPLICATIONS

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Athena 2120 adheres well on many types of surfaces and is mainly used for various high-temperature electrical applications. The high temperature resistance also makes it suitable as masking tape when powder coating or similar surface treatments.

- Insulation
- PCB wave soldering
- Wrapping coils, transformers, and capacitors
- Wire harnessing
- Masking tape

### USER GUIDELINES

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To obtain optimal adhesion the surfaces must be clean and dry. Most frequent cleaning solvent is isopropyl/water (50:50 mixture) alcohol. Use safety instructions before using cleaners. Sometimes depending on surface a primer can be used to obtain a higher bonding force. Ideal temperature for tape application is between 21°C and 38°C. Usually electronic components and devices do not need to be cleaned as above.

All values above are average values and are not to be specific. To be sure about finished result we recommend that you do testing and use the product to determinate the function of the tape for your application. ATC Adhesive Tape Converting AB does NOT take any responsibility or liability direct or consequential for any loss or damage caused by using our product.

## PRODUCT DATA

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### Physical Data:

Adhesive:	Silicone
Carrier:	Polyimide film
Thickness:	Carrier: 0,025mm Adhesive: 0,035mm Total: 0,060mm
Liner:	-
Colour:	Amber
Shelf life*:	12 months
Storage:	Good storage conditions are in room temperature. Not recommended for direct exposure to sunlight or ultraviolet light.

\* From date of dispatch by ATC Tape Converting AB

### Performance Data:

Adhesive strength:	1,0 N/10mm
Tensile strength:	50 N/10mm
Surface resistivity of adhesive:	$10^3$ - $10^4$ Ohms/SQ
Elongation: (PSTC-31)	70 %
Heat resistance:	Up to +300°C (short term)

## CONTACT INFORMATION

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