

# Athena 5005

## Black Polyester Fleece Tape with Rubber Adhesive

Created: 2011-03-25  
Updated: 2018-01-04

### GENERAL INFORMATION

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Athena 5005 is a wire harness tape coated with a strong synthetic rubber adhesive on a polyester fleece carrier, which has good noise reduction properties. The tape has a very soft surface, is flexible, easy to apply and tear off by hand, has a high temperature resistance, and good ageing properties.

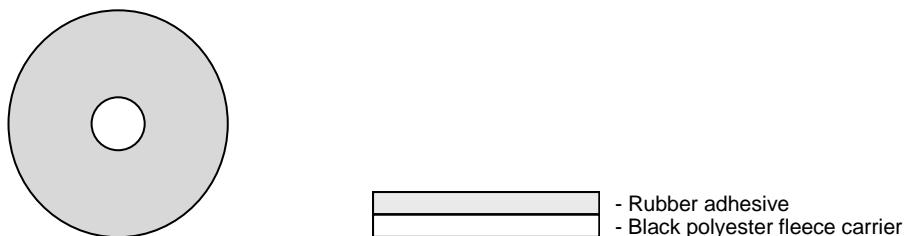
- 0,30mm thick
- Rubber adhesive
- Temperature resistant up to 105°C
- IMDS certified

Athena 5005 is available in two standard sizes, but is available in all dimensions based on volume:

- 19mm x 20m (38mm core)
- 19mm x 50m (76mm core)

### CONSTRUCTION

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### APPLICATIONS

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Athena 5005 meets RoHS requirements and is mainly used for various electrical applications. It is specifically designed for wire harnessing and for best result wrap wires with an overlap and the last lap should be applied without tension to prevent flagging.

- Wire harnessing

### 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:	Rubber
Carrier:	Non-woven polyester staple fleece
Thickness:	0,30mm
Liner:	-
Colour:	Black
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:

Tensile strength: (AST D1000)	45 N/10mm
Adhesive strength: (AST D1000)	2,5 N/10mm
Unwinding force: (machine processing)	2,5 N/10mm
Elongation: (AST D1000)	20 %
Heat resistance: (AST D1000)	-40 °C to +105°C
Age resistance:	Good
Noise reduction:	Very good
Abrasion resistance:	High
Adhesive power:	High
Features:	<ul style="list-style-type: none"> <li>- Free of critical substances</li> <li>- Resistant against rotting</li> </ul>

## CONTACT INFORMATION

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