

Athena 5000

Electrical PVC Tape with Rubber Adhesive

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GENERAL INFORMATION

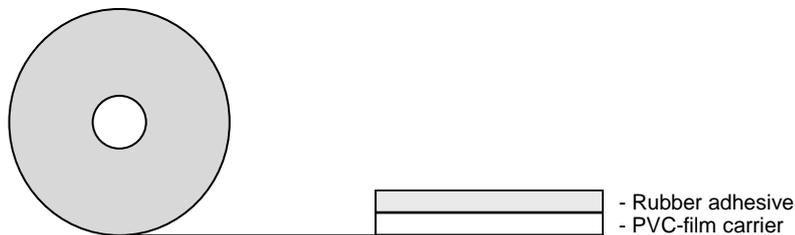
Athena 5000 is a thin electrical vinyl plastic tape for wire harnessing coated with an aggressive rubber adhesive. It is highly conformable and resistant to moisture and most chemicals.

- 0,13mm thick
- Rubber adhesive
- Temperature resistant up to 80°C
- Meets RoHS directive

Athena 5000 is available in two standard sizes, but is available in all dimensions based on volume:

- 12mm x 10m
- 12mm x 33m

CONSTRUCTION



APPLICATIONS

Athena 5000 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. Typical applications are:

- Wire harnessing
- Bundling
- Marking

USER GUIDELINES

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 in need to be cleaned as above.

PRODUCT DATA

Physical Data:

Adhesive:	Rubber
Carrier:	PVC-film
Thickness:	0,13mm
Liner:	-
Colour:	Black, White, Red, Blue
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)	20 N/10mm
Adhesion to steel: (AST D1000)	1,5 N/10mm
Adhesion to backing: (AST D1000)	1,5 N/10mm
Flame resistance: (AST D1000)	2 sec
Dielectric breakdown: (UL510)	600 Volts
Elongation: (AST D1000)	200 %
Heat resistance: (AST D1000)	Up to +80°C
Chemical resistance:	Good
Moisture resistance:	Good

CONTACT INFORMATION

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