

Athena 3020

Glass-Cloth Tape with Rubber Adhesive

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

GENERAL INFORMATION

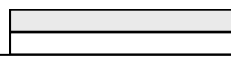
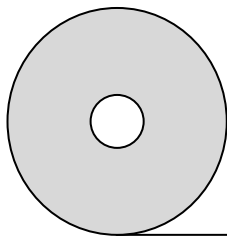
Athena 3020 is a fibreglass-cloth tape coated with a synthetic thermosetting rubber adhesive. It is a tear and temperature resistant tape with excellent abrasion resistance and high mechanical strength.

- 0,16mm thick
- Rubber adhesive
- Temperature resistant up to 150°C
- Good initial tack

Athena 3020 is available in all dimensions but standard widths are:

- 12mm x 55m
- 25mm x 55m
- 50mm x 55m

CONSTRUCTION



- Synthetic thermosetting rubber adhesive
- Fibreglass-cloth carrier

APPLICATIONS

Athena 3020 is mainly used for various electrical applications but cannot withstand as high temperatures as Athena 3012. The tape is good for general insulations of coils and transformers and has a good impregnatability for traction machine manufacturing. Typical applications are for example:

- Interphase insulation
- General insulation of coils and transformers.
- Wrapping cables and wires
- Motor leads

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 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

Physical Data:

Adhesive:	Synthetic thermosetting rubber
Carrier:	Fibreglass-cloth
Thickness:	Carrier: 0,12mm Adhesive:0,04mm Total: 0,16mm
Liner:	-
Colour:	White / 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:	250 N/10mm
Adhesive strength:	4,5 N/10mm
Dielectric strength:	3 000 Volts
Electrolytic corrosion factor: (EN 60454)	A 1.2
Combustibility:	BU 1
Elongation:	10 %
Recommended curing cycle:	1 hour at 150°C or 2 hours at 130°C
Heat resistance:	Up to +150°C

CONTACT INFORMATION

ATC Adhesive Tape Converting AB

Veddestavägen 17, Box 575
175 26 Järfälla, SWEDEN

Telephone: +46 (0)8-564 708 80
Fax: +46 (0)8-564 708 89

E-mail: info@atc.se
Web: www.atc.se



Intertek Intertek