

REINFORCED GUMMED PAPER TAPE

KEY FEATURES

- Available in extra-long format to increase the efficiency of packaging processes.
- **100% biodegradable, recyclable and compostable product.**
- Offers security to the buyer as its detachment causes the damage of the box.
- Good adhesive behaviour and performance on multiple surfaces.
- The paper is **suitable to be in contact with all types of food according to the UNE-EN 15593 standard.**
- Excellent initial adhesion level.
- Ability to be used with manual or electronic dispensers that humidify the tape during its rewinding and allow to set it quicker into the application surface.
- The support of the product can be easily printable with all types of logos, messages or any other type of text.



Ecological adhesive tape composed by a Kraft gummed paper support reinforced with fiberglass yarns in the form of diamonds and covered by a rubberized, high-performance adhesive made out of cornstarch that is activated with the presence of water.

The product is intended mainly for its use in the packaging sector for the **reinforcement of heavy and/or valuable boxes for their packaging**, being easy to use, silent in its unwinding, soft to the touch, printable and ensuring the loads by marking the withdrawal of the product on the application surface.

Available colors:



PRODUCT COMPOSITION



CARRIER

Kraft Paper reinforced with fiberglass yarns

ADHESIVE TYPE

Natural Gummed Adhesive

COMPONENT WEIGHTS

ADHESIVE PROPERTIES	VALUES	METHOD
Total weight	129 g	ISO 536
Premium Kraft Paper 1 st quality	40 g	ISO 536
Bottom Kraft Paper 1 st quality	40 g	ISO 536
Laminated PE film	15 g	ISO 536
Nylon reinforced threads	7,2 g	ISO 1889
Natural adhesive	26 g	NFT 76-500

TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES	METHOD
Total thickness	185 µm	ISO 534/T 411
Longitudinal tensile strength	≥ 105 N/cm	ISO 1924-1/ASTM D-828
Transverse tensile strength	≥ 55 N/cm	ISO 1924-1/ASTM D-828
Longitudinal elongation	≥ 3,5 %	ISO 1924-1/ASTM D-828
Transverse elongation	≥ 8 %	ISO 1924-1/ASTM D-828
Burst resistance	≥ 550 N/mm ²	ISO 2758/ASTM D-774
Tack Time FIPAGO	≤ 10 s	NFT 76-501

The given values are typical values obtained in specific conditions of temperature, loads and adhesive surface determined by norm. The user must determine if the tape is suitable for their specific application by testing the product. In case help is needed, ATyT will provide you with professional customer support and recommendation, indicating which tape suits best your needs.



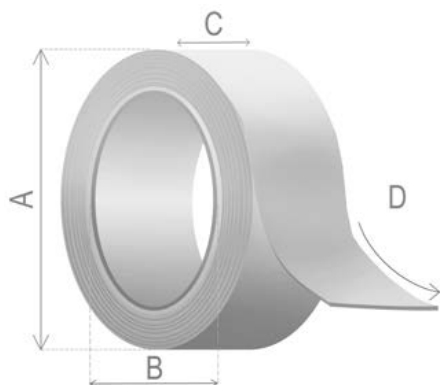
APPLICATIONS

- Strong sealing on a wide variety of corrugated surfaces.
- Applications in food and beverage industries, pharmaceutical medical sector, distribution centers, etc.
- **Widely used for product packaging in the e-commerce sector.**
- Used for the packing and transportation of heavy loads.
- Compatible with manual and automatic gummed paper dispensing machines.
- Due to its versatility and resistance to stresses caused, the product can have both industrial and artistic use, being widely used in the design sector.



Surfaces to which tape is applied should be clean, dry and free of grease, oil, moisture, dirt and other contaminants. Sufficient pressure should be applied during application. If not, it will affect the properties and appearance of the product.

STANDARD PRESENTATION:



Outer diameter (A)	132 mm	147 mm	156 mm	205 mm	
Core diameter (B)	25 mm				
Width (C)	48 mm	60 mm	70 mm	75 mm	100 mm
Length (D)	90 m	126 m	150 m	300 m	

Any other length and width available on request. Check conditions. The product can be supplied with a multitude of different types of presentation (see conditions). Among others, we highlight: the personalization of the core, the personalized plastic packaging, the shrink wrapping and the labeling of the tape.



STORAGE CONDITIONS

For better conservation of properties, product should be stored in its original packaging, between 20 and 30° C, preserved from direct exposure to sun and moisture. It is recommended to use the product within 12 months, since dispatching date.



GENERAL WARRANTY CONDITIONS

ATyT recommends applying the product only on clean, dry and free of grease, oil or other contaminants surfaces.

Product properties are typical and should not be considered specifications. They are based on tests believed to be reliable and performed conformance with recommended test methods. Values are expected to be used for comparison purposes only; they do not represent a manufacturer guarantee. Before using, the client should determine whether the product is fit for a particular purpose and for the user's method of application.

