

PET TAPE FOR ELECTRICAL MOTORS

KEY FEATURES

- Offers a good level of thermal and chemical resistance.
- Withstands repeated temperature cycles up to 130°C without leaving any adhesive mass residue on the application surface.
- It is conformable and provides an ease of use in its application.
- Provides excellent insulating properties.
- **Certified as thermal class B (130°C).**
- **UL certified product.**



Single-sided adhesive tape composed by a PET backing film coated with a thermosetting rubber adhesive capable of maintaining the product properties and performance at elevated temperatures during the winding of electric motors.

This type of product is mainly used for the manufacture and insulation of electric motors and transformers. In addition, this product is designed for winding, anchoring, wiring, etc. of all electrical equipment such as motors and transformers.

Available colors:



PRODUCT COMPOSITION



CARRIER

PET film

ADHESIVE TYPE

Thermosetting rubber

TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES	METHOD
Carrier thickness	23 µm	ASTM D-3652
Total thickness	60 µm	ASTM D-3652
Tensile strength	40 N/cm	ASTM D-3759
Elongation at break	90 %	ASTM D-3759
Adhesion to steel	3,8 N/cm	ASTM D-3330
Adhesion to backing	2,2 N/cm	ASTM D-3330
Dielectric strength	4,5 kV	CEI EN 60454
Maximum temperature of service	130°C	INTERNAL (Cycles of 1h)

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.





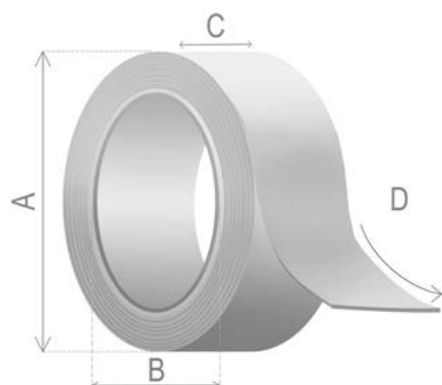
APPLICATIONS

- Specially designed for wrapping coils, generating insulation between layers of electric motors and transformers, as well as offering solutions in anchoring, fixing, etc.
- Suitable for its use in small, medium and large size motors.
- Also widely used in low, medium and high voltage transformers.



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)	110 mm				
Core diameter (B)	76 mm				
Width (C)	12 mm	19 mm	25 mm	50 mm	100 mm
Length (D)	66 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 customized 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.

