

HIGH TEMPERATURE MASKING PET SILICONE TAPE 80 µm

KEY FEATURES

- Resistant to abrasion, chemicals and temperature.
- Residue-free removability for masking and surface protection applications.
- Excellent level of adhesion, especially on silicone surfaces.
- **Great capacity to resist high temperatures. The tape is capable of withstanding cycles of 1h at 220 °C.**
- Product with good insulating properties.

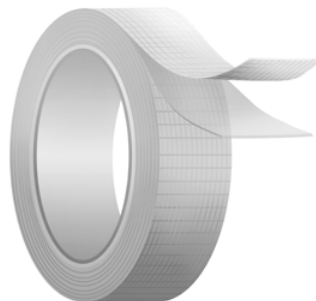
Tape composed of a polyester film (PET) covered inside by a pressure sensitive silicone adhesive and resistant to high temperatures.

The main purpose of the tape is mainly for high temperature masking of parts and for splicing adhesive rolls and logs.

Available colors:



PRODUCT COMPOSITION



CARRIER
PET Film

ADHESIVE TYPE
Silicone

TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES	METHOD
Carrier thickness	50 µm	ASTM D-3652
Total thickness	80 µm	ASTM D-3652
Tensile strength	46 N/cm	ASTM D-3759
Elongation at break	50 %	ASTM D-3759
Adhesion to steel	≥ 3,2 N/cm	ASTM D-3330
Maximum resistance temperature	200 °C	INTERNAL
Dielectrical strength	5 kV	INTERNAL

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.



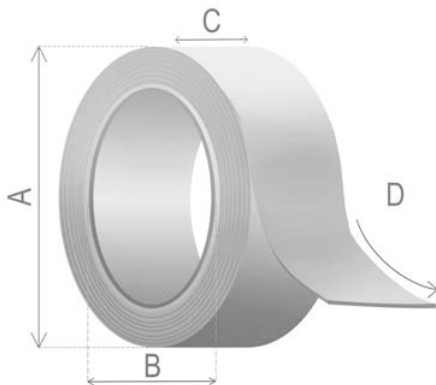
APPLICATIONS

- Excellent for masking parts during powder coating, painting, anodizing, plating, media blasting as well as hundreds of other uses around the home, shop and laboratory.
- Ideally suited for masking off areas that are to be protected during powder-coating processes.
- Surface protection for masking applications at high temperatures.
- Bonding and splicing of non-polar materials.
- Clamping of parts or vacuum bags during compound joining operations.
- Masking of metal surfaces in acidic or caustic chemical milling baths.



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)	115 mm			
Core diameter (B)	76 mm			
Width (C)	12 mm	25 mm	38 mm	50 mm
Length (D)	66 mm			

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.

