

DOUBLE SIDED PVC “PRINT” PLATE MOUNTING TAPE (100 µm)

KEY FEATURES

- The adhesion of the product onto the cylinder is removable allowing an easy detachment of the tape on the application surface.
- High degree of flexibility, facilitating the mounting of the plate onto the cylinder.
- Having a PP embossed liner, it **avoids the air retention during the assembly of the plate and prevents the formation of air bubbles during the mounting of the photopolymer.**
- The dimensional stability of the PVC support and the excellent level of adhesion provided by the product, converts the product into the ideal solution for the mounting of printing plates, free of tolerances, intended mainly for the flexographic printing sector.
- Its solvent rubber-based adhesive ensures a **reliable and removable bond** between the build plate and the carrier film.



Double-sided tape with a 100 µm PVC rigid backing thickness designed for the plate mounting of photopolymers, based on a transparent rigid PVC support, covered on both sides by a solvent rubber adhesive and protected by a white PP embossed liner.

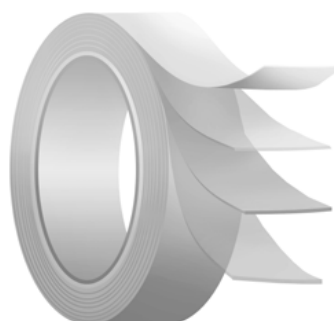
These types of products are composed by a semi-rigid support and are mainly used in the flexographic printing of labels and for 2-3 color printing of cardboard boxes.

The product does not leave any trace of adhesive residue when it is removed from the cylinder or the handle.

Liner colors: 

Carrier colors: 

PRODUCT COMPOSITION



LINER

Embossed PP

ADHESIVE TYPE

Solvent rubber

CARRIER

100 µm semi-rigid PVC

ADHESIVE TYPE

Solvent rubber

TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES	METHOD
Total Thickness	110 µm	ASTM D-3652
Tensile strength	150 N/mm ²	ASTM D-3759
Elongation at break	75 %	ASTM D-3759
Adhesion to steel	≥ 2,5 N/cm	ASTM D-3330
Rolling Tack Ball	≤ 15 cm	ASTM D-3621
Static Shear Resistance	≥ 100 h	ASTM D-3654
Maximum temperature service	70°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.



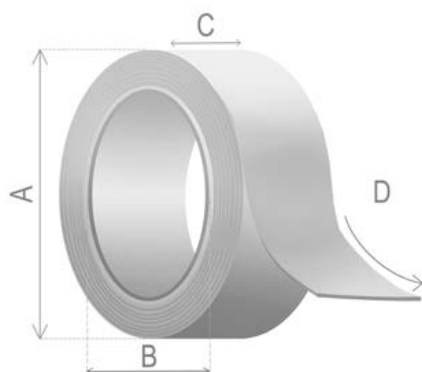
APPLICATIONS

- Especially suitable for post-print corrugated plate mounting, where the tape is first applied to the build plate, then the liner is removed and the plate is bonded to the carrier film.
- **Mounting of photopolymers in letterpress and flexographic printing when a thickness of 100 microns is required.**
- **Ideal for corrugated cardboard printing in post-print processes and narrow web label printing when the use of Cushion tape is not required.**
- Mounting of clichés in flexographic printers.
- Fixing and sealing of pressure plates.
- Component bonding on engraving tables.
- Allows the mounting onto steel cylinders and is also suitable for the mounting on compressible sleeves.



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)	88 mm		92 mm		103 mm	
Core diameter (B)	76 mm					
Width (C)	50 mm	100 mm	200 mm	250 mm	300 mm	
Length (D)	5 m		10 m		25 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.

