

ALUMINIUM-PET TAPE (40 µm) MICROPERFORATED

KEY FEATURES

- Excellent level of adhesion in addition to having good resistance to aging.
- Allows the passage of steam generated on the application surfaces, having the particularity of generating a barrier against dust particles thanks to its specific composition.
- High level of thermal conductivity.
- Excellent mechanical properties, easy to use, without generating scratches.
- Provides exactly the right amount of ventilation over the alveolar ridges.
- The generation of dust, fungi and algae does not occur on the surfaces where the product is applied.



Aluminium foil tape laminated to PET film (9 µm + 23 µm) coated with a high cohesive solvent based acrylic adhesive which is perforated and closed with a non-woven PET.

The product is particularly suitable for applications where a high temperature resistance is required (usually applied for fixing condenser and evaporator coil of refrigerators and freezers, assembling of heat air blowers in dryers, etc.).

Available colors:

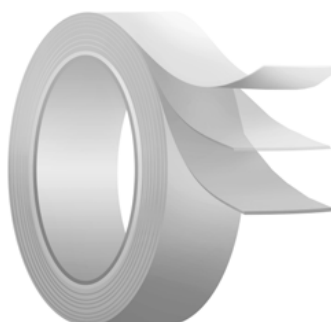


ALUMINUM

Liner available colors:



PRODUCT COMPOSITION



CARRIER

Aluminium foil laminated with PET
(Closed with TNT PET)

ADHESIVE TYPE

Solvent based acrylic

LINER

Siliconized paper

PROPERTIES OF PET (ERT EDANA)

ADHESIVE PROPERTIES	VALUES	RULES
Weight	40 g/m ²	EN 29073 part 1
Support thickness	0,16 mm	EN 29073 part 2
Tensile strength	110 N/5 mm (MD) 95 N/5 mm (CD)	EN 29073 part 3
Elongation at break	20-25 %	EN 29073 part 3
Permeability level	3200 l/(m ² · s)	EN 9237:1995

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.

TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES	METHOD
Adhesive weight	20 g/m ²	INTERNAL
Support thickness	35 µm	PSTC 133
Total thickness	160 µm	PSTC 133
Tensile strength	42 N/cm	PSTC 131
Elongación a rotura	120 %	PSTC 131
Adhesion to steel	6 N/cm	PSTC 101
Adhesión to backing	2 cm	PSTC 6
Service temperature range	140,2 – 99 l/(m ² ·s)	EN 9237 : 1995



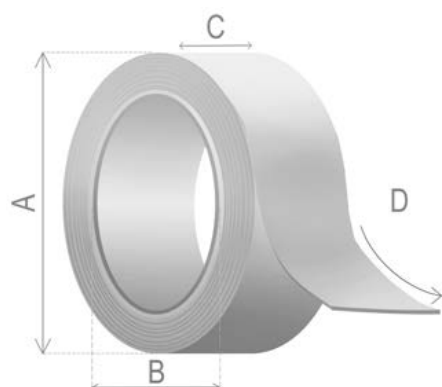
APPLICATIONS

- Especially suitable for applications where a high heat resistance is required.
- Used in refrigerators and freezers, mounting of hot air blowers on dryers, etc.
- Applied mainly for the edge and ventilation of honeycomb PC panels.
- The main purpose of the product is to keep the PC panels clean and transparent regardless of external weather conditions.



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)	118 mm		131 mm	
Core diameter (B)	76 mm			
Width (C)	25 mm	38 mm	50 mm	60 mm
Length (D)	33 m		50 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.

