

Aluminum tape is a strategic product for *Adhesivos Técnicos y Troquelados*; we are really specialized in **transforming** this product for aeronautical, railway and cold industries; also for conditioning installations and for industrial bodywork.

An important **percentage of our billing** is from this range of products. **Our experience is over 15 years**; just a good reason to trust us. We always provide the best **quality - price products**. For the same product we offer **different qualities** to provide solutions to each customer demand. Items supplied by ATYT meet with **technical requirements of existing regulations**.

Our **processing capacity** allows us to offer a fully **customized product, in a short time**; we can cut any of our references to the **width and the lengths you need**.

We can also deliver the product on a rewind **core designed for you**, with your logo, your website or the trade you would like. We also offer **fully finished product** in customized blister or shrink, to help its marketing.

The range of aluminum tapes we offer is really wide, to respond different applications that your company may require. **Highlighted products** of this family are the following:

- Normal aluminum tape in different thickness (30, 40, 50, 80 and 100 microns).
- Reinforced aluminum tape.
- White and black aluminum tape.

Besides, ATyT could offer your company many other products that may interest you. Check our website for further information: [www.atyt.es](http://www.atyt.es)



Our clients are present in **all industrial sectors** such as wind power, ventilation, hot and cold air, construction, textile, furniture manufacturers, shoe industry, chemical industry, railways, shipyards, sport, stands mounting, automobile factories, auxiliary automotive industry, decoration, etc.

Do not hesitate to contact our **sales advisors** to introduce you other products we have available that could solve adhesive needs of your company.



## 30 MICRONS ALUMINUM TAPE

Aluminum support with **acrylic adhesive** and amber silicone paper liner for easy detachment. Also available without liner.

Product approved under **M-1 - UNE 23727:1990** specification. **Very good peeling properties**, shear strength and high tack. Use temperature from -20 °C to 100 °C.

Available in **different micronage**: 30, 40, 50, 80 and 100 microns. It is possible to offer the product without adhesive.



## TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Quick Tack on stainless steel	9 N / 25 mm	FTM9
Peel 180° C - 20 minutes	9 N / 25 mm	TM1
Shear 1kg. 25 x 25 mm on stainless steel	200 hours	FM8
Thickness	30/40/50/80/100 microns	ISO 534
Vapour transmission	-0,1 perm	DIN 53122
Tensile strength	40+ N / 15 mm	DIN 53455
Amber silicone paper liner	65 g / m2	ISO536
<b>M-1 - UNE 23727:1990</b> specification		

## APPLICATIONS:



- Sealing panels in **aerospace and railway sectors**.
- **Thermal-acoustic screens** joining.
- **Sealing joints in air ducts**. Moisture barrier.
- Sealing **boiler containers** and tubes of high pressure steam.
- Identify when required review by **photoelectric devices**.
- Set of **refrigerated coils on the panels** in order to maximize cooling efficiency.

## REINFORCED ALUMINUM TAPES

12 microns aluminum tape reinforced with **5 x 5 glass fiber**. Coated with acrylic based adhesive, protected by paper.

Products approved under the strict regulations of railway sector (**standard M-1 - UNE 23727:1990**).

Available in **any width** up to 1.000 mm.



## TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Total weight	143 gr	EN 22 286
Breaking strength	MD: 250 N / 50 mm	ISO 527 - 3
	CD: 250 N / 50 mm	ISO 527 - 3
Elongation	MD: 4%	ISO 527 - 3
	CD: 4%	ISO 527 - 3
WVTR	<0.003 gr / 24 hours	DIN 53122
Quick tack on stainless steel	9 N / 25 mm	FTM 9
Peel 180° C - 20 min. on stainless steel	9 N / 25 mm	FTM1
Shear 1kg. 25 x 25 mm on stainless steel	200 hours	FTM8
<b>M-1 - UNE 23727:1990 specification</b>		



## APPLICATIONS:

- Sealing panels in **aerospace** and **railways sector**.
- **Thermal-acoustic screen** joining.
- Especially suitable as a **protector for high temperatures**.
- **Heat reflector** for wires and other industrial and aerospace components.

## WHITE AND BLACK ALUMINUM TAPE

Aluminum tape lacquered in black or white, for when these colors are required. It is covered by acrylic adhesive, high tack and amber silicone paper liner.

It offers excellent peel, adhesion and good shear strength. Product approved under the strict regulations of railway sector (M-1 - UNE 23727:1990 specification).



## TECHNICAL CHARACTERISTICS

ADHESIVE PROPERTIES	VALUES	TEST METHOD
Quick tack on stainless steel	9 N / 25 mm	FTM9
Peel 180 °C - 20 min. on stainless steel	9 N / 25 mm	TM1
Shear 1 Kg. 25 x 25 mm. on stainless steel	200 hours	FM8
Vapour transmission	-0,1 perm	DIN 53122
Tensile strength	40 N / 15 mm	DIN 53455
Amber silicone protective paper	65 g / m <sup>2</sup>	ISO536
Using temperature	-20 °C to 100 °C	
M-1 - UNE 23727:1990 specification		

## APPLICATIONS:

- Wherever an application requires aluminum tape in white or black, improving aesthetics result of the installation or repairing.
- Sealing joints in air ducts and coverings. Moisture barrier.
- Sealing of the boiler containers and tubes of high pressure steam. Maintain fire resistance of aluminum siding.
- Prevents mites inside the ducts.

