

# 100% leak cover tape®

tapes

Technical Data Sheet

Sealant tape made up of butyl adhesive and aluminum complex reinforced with a polyester film, with excellent adhesive capacity and UV resistant.

## Technical Information

PROPERTIES	VALUE	TEST METHOD
Chemical base	Butyl rubber	
Application temperature	32 °F to 104 °F	
Working temperature	-22 °F to 194 °F	
Elongation	Length 10% Trans. 20%	EN 12311-1
Tensile strength	Length 180N/50 mm	EN 12311-1
	Trans. 200N/50 mm	EN 12311-1
Peel strength	1.53 kg/cm (20 N/cm)	ASTM D 1000
Solids percentage	100%	
Runoff	0 mm	ISO 7390
Thickness	0.8 to 1.5 mm	
UV resistance	Excellent	

Information obtained from laboratory tests.

## Uses

100% leak cover tape® has been mainly developed for:

- Sealing joints of materials such as galvanized sheets, fiberglass, steel, plexiglas, wood, aluminum and PVC.
- Ideal for joints and seams in roofs, coated partitions, door and window frames, metallic and acrylic sheets, gutters, and in general all materials used in construction industry.
- Sealing on screws of roofs in dry roofs and boxes.
- As seal in air conditioning ducts, since they help to thermal insulation.
- Protection to thermal insulation of insulated piping.
- As vapor barrier.

## Advantages

- Permanent autoadhesive.
- Cold application, since it does not require heating.
- Preserve its qualities up to 90°C.
- It does not have oil migration.
- Excellent tear resistant.
- Compatibility with acrylic, polyurethane, or silicone sealants.
- No running on vertical applications.
- Easy and fast installation.
- Greater durability compared to asphalt tapes.

## Application

The surfaces to be sealed shall be firm, dry, clean free of dust, grease, oil, water and old sealant. Porous surfaces shall be cleaned with brush or applying compressed air to remove all loose particles. In case of smooth surfaces (like glass, metal, etc.) it shall be done a cleaning with two cleaning clothes, consisting in passing a (lint free) cleaning clothe impregnated with isopropyl alcohol, and removing immediately all the impurities with a clean and dry cleaning clothe. With the surface steady and clean start placing the **100% leak cover tape®**, it is cut to the length required and the tape protector is removed so the butyl adheres to surfaces that are going to be sealed. Once placed, it shall be verified that the tape makes contacts with the substrates applying a light pressure on the tape.





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## Recommendations

- Perform correctly the cleaning of the substrates.
- Cut the tape to the length required.
- Do not remove liner or touch the adhesive during the installation to prevent contamination.
- Do not remove liner until the moment of the installation.
- Do not stretch the tape during installation.
- Perform tests under actual application conditions to guarantee its proper operation.

## Maintenance

- No maintenance required.
- If the tape is damaged, replace the damaged section, cleaning the surface before applying the new tape.

## Precautions

- Keep out of the reach of children.
- Do not clean with products that can leave residues (like thinner, that may also affect the finishing of the products).

## Limitations

- The **100% leak cover tape®** does not replace an adhesive or mechanical fastening.

## Presentation

### Colors

- Aluminum
- Terracotta

## Coverage

### Aluminum

- Rollo of 5 cm x 3 m
- Rollo of 5 cm x 10 m
- Rollo of 10 cm x 10 m

### Terracotta

- Rollo of 5 cm x 3 m

## Shelf Life

24 months in cool dry warehouse, in its original packaging with temperatures of 21 °C (70 °F) and 50% relative humidity.

## Technical Support

Productos Pennsylvania's Technical Support is at your service, assisting you with:

Guidance in how to apply this or any of our products.

Blueprint reviews.

Joint dimension calculus.

Compatibility and adhesion testing of our sealants with different materials.

### NOTE:

Productos Pennsylvania S.A de C.V. provides technical assistance when required. Please contact our Technical Department regarding use and application of this product. It is the user's responsibility to test the product and its uses before application.

Productos Pennsylvania, S.A. de C.V.

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the caulking expert

