

PT2-9500 tape (polycarbonate)

tapes

Technical Data Sheet

PT2-9500 tape (polycarbonate) is a polyolefin foam tape of closed cell with pressure sensitive adhesive on both sides, with high elongation and adhesion properties unlike the typical polyethylene tapes, which makes it a special tape for the plastic market in general with adhesion to most smooth materials.

Technical Information

PROPERTIES	VALUE	TEST METHOD
Thickness (mm)	3.0 ± 0.05	
Base	PE	
Color	White	
Initial adhesion (N/25*25 mm)	17	PSTC-5
Peeling force to stainless steel 90° angle (N/2525 mm)	26	GB-2792
Holding power: (H/1kg/25*25mm)	48+	GB-4852
Tensile Strength:(N/25*25mm)	19	GB-7753
Elongation(%)	120	GB-7753
Temperature resistance (°C)	-20–120	

Information obtained from laboratory tests.

Uses

PT2-9500 tape (polycarbonate) has been mainly developed for:

- Securing polycarbonate, fiberglass and acrylics on aluminum structures.
- Sealing between glass and PVC, aluminum or treated wooden window frames.

Advantages

- Great weather and UV resistance.
- Its special adhesive guarantees a long life bonding under sever conditions.
- Excellent compatibility between different products.
- Fast adhering at initial contact offering a strong and durable bonding.
- Great elongation capacity.
- Good initial grip.
- It does not release plasticizers that damage polycarbonate.

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 clean surface start placing the tape from outside to inside at 8 mm from the edge (to leave a space for the seal) without removing the protector liner. Once placed the tape in all the aluminum or iron frame the edges of each tape will be lifted to make a bending so the tip is left outside, so they can be pulled back once the polycarbonate is placed. Then the polycarbonate is placed on the **PT-9500** tape with the liner placed in the position previously indicated, to move the polycarbonate and make alignment adjustments. Once aligned the polycarbonate pull back the tips of the liners so the polycarbonate is totally seated in the tape, the glass is pressed for final adhesion. Then apply the structural seal, and weatherproof seal according to the system used.

tapes
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Recommendations

- Perform tests under actual application conditions to guarantee its proper operation.
- Do not remove liner or touch the adhesive during the installation to prevent contamination.
- Perform correctly the cleaning of the substrates.
- Do not remove the protector liner before placing the glass.
- Do not stretch the tape during installation.
- Storage conditions of 5 °C to 30 °C

Maintenance

- No maintenance required.
- It is recommended an annual inspection to guarantee the integrity of the installed system.

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).
- Do not place the tape in dirty or unstable surfaces (steel without paint or wood).

Limitations

- It is not recommended for structural systems.
- It does not replace the mechanical fastening in polycarbonate installation.

Presentation

Colors

- White

Coverage

Code	Thickness	Width	Meters/Rolls
PT2-9502	1/16"	1/4" up to 1"	45.70
PT2-9504	1/8"	1/8" up to 1"	25.90

Shelf Life

18 months in cool and drywarehouse.

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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