

AGT 700, acrylic foam tape

tapes

Technical Data Sheet

AGT 700, acrylic foam tape is a double-sided acrylic foam tape with excellent viscoelastic and adhesion properties. Allows you to get the best results in many indoor and outdoor industrial applications. With his formula of durable, long-lasting bond, exceeds industry standards for strength and bond to high surface energy substrates, even at elevated temperatures.

Technical Information

PROPERTIES	VALUE	TEST METHOD
Density: lb/ft ³ (kg/m ³)	48.06 (770)	ASTM D- 1667
Peel adhesion 90°, oz/in (N/cm)	515 (57)	ASTM D3330
Dynamic tear adhesion, psi (kPa)	48 (330)	ASTM D1002
Tensile strength psi (kPa)	170 (1176)	ASTM D-412
Foam elongation	900%	ASTM D-412
Application temperature	16 °C to 52 °C (60 °F to 125 °F)	
Working temperature	-35 °C to 93 °C (-31 °F to 199 °F)	

Information obtained from laboratory tests.

Uses

AGT 700, acrylic foam tape has been mainly developed for:

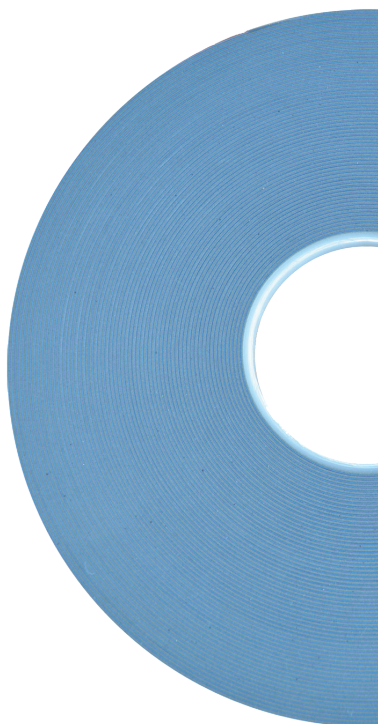
- Signals and panels fixation.
- External fixation in buses, trucks and trailers.
- Fixation to roof racks in buses, trucks and trailers.
- Substitute of permanent fixation systems (rivets, welding, and liquid adhesives) used in generic industrial applications.

Advantages

- Great adaptability and elasticity.
- Weather resistance (UV and high temperatures).
- Excellent performance in T-block and dynamic shearing.
- Excellent adherence in static shearing.
- Lasting adherence at high temperatures.
- Shock and tension absorption.

Application

The surfaces shall be free of dust, grease, oil, water and soil. The cleaning of smooth surfaces (like glass, metal, etc.) shall be done 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. Do not remove the protector until the tape is in correct position. Do not touch the adhesive surface before applying the tape. To be sure that the pieces are correctly placed, once placed the tape the protector is removed on one corner until the piece is in the desire position, remove all the protector and apply a uniform pressure so the tape is perfectly aligned to the material. As larger the contact between the adhesive and the surface, larger is the resistance of the adhesive bonding. The adhesion strength will depend on the substrate surface, application temperature and complete adhesion time (time of contact of the adhesive of the tape to the substrate surface to fully humidifying it.) When possible, allow a complete adhesion time of at least 72 hours at ambient temperature before submitting the tape to load.



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.
- Do not stretch the tape during installation.

Maintenance

- No maintenance required.
- If the tape suffers any damage, it is recommended to replace the tape for a new one eliminating the previous residues and following the application recommendations.

Precautions

- It is not recommended to use in fabrics, concrete or porous surfaces, loose paints, rough surfaces or similar.
- Do not clean with products that can leave residues (like thinner, that may also affect the finishing of the products).

Limitations

- In structural glazing systems.

Presentation

Colors

- Gray

Coverage

Thickness	Meters / Roll
1.1 mm	33

*Width according to customer's needs.

Shelf Life

12 months in a cold and dry warehouse.

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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Date of production: May 2023

the caulking expert

