



TICTAK® 621

TICTAK®621 is a double-side PE-foam tape. It consists of a highly conformable closed cell PE-foam backing and a high quality acrylic adhesive. It designed for frame mounting according to solar requirement. Maximum resistance to ageing, UV, weathering, water and salt.

This production is recommended for use for Solar module frame mounting, mounting of small devices and hooks on tiles and smooth walls, mounting of decorative glass or mirror elements on furniture, mounting of decorative bars on car.

Technology / Base	Acrylate
Type of Product	Pressure Sensitive Adhesive Tape
Components	PE foam, Acrylic pressure sensitive adhesive, PE or PET liner
Appearance / Color	Rolls , foam is black or white

Features and Benefits

- Low moisture vapor permeability
- The high tack offers a reliable bond immediately after application
- The high peel and cohesion are the key to a high quality, reliable bonding performance.
- The high dynamic shear resistance offers high frame mounting safety
- UL certificates available, UL file number E470703

Application Instructions

- 1. Bond strength is dependent on the amount of adhesive to surface contact developed. Firm application pressure helps develop better adhesive contact and improve bond strength.
- 2. To obtain optimum adhesion, the bonding surfaces must be clean, dry and well unified. Typical surface cleaning solvents are isopropyl alcohol and water (rubbing alcohol) or water.
- 3. Low temperature will reduce tack. Ideal tape application temperature range is above $10^{\circ}C(50^{\circ}F)$.

Storage Conditions

Adhesive tapes should be stored at room temperature and normal humidity (50 \sim 70)%RH $_{\circ}$

Shelf Life: 12 months from date of manufacture.

Typical	Packaging
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Order No.	Specification	Color
62151151	W:19mm /L:1500mm	Black
62151251	W:19mm /L:1500mm	White

Note: The width and length of the tape can be customized according to the requirement.

Disposal Advice

Please refer to the MSDS for disposal instructions.

Safety Advice

Please refer to the MSDS for safety advice.

Technical Data Sheet





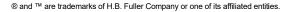


Technical Data Properties Condition/Method Value **Total thickness** Approx 1.0mm **ASTM D3652** Closed cell PE foam Backing type Adhesive type Tackified acrylic Black or white Color Tensile strength 1.0MPa **ASTM D3759** Dynamic shear resistance 0.4MPa **ASTM D1002** Elongation at break 200% **ASTM D3759** Liner PE or PET Peel Test To steel(RT 10min) 8.5N/cm or foam break 8.5N/cm or foam break To glass (RT 10min) 7.0N/cm To anodized AL (RT 10min) 6.0N/cm To PVDF*(RT 10min) foam break To steel(RT 72h) **ASTM D3330** foam break To glass (RT 1072h) foam break To anodized AL (RT 72h) foam break To PVDF(RT 72h) PVDF is polyvinylidene fluoride solar backing sheet **Product Properties** Static shear resistance at 23°C Very good **ASTM D3654** Static shear resistance at 80°C Very good **ASTM D3654** UV resistance Very good IEC 61215 Chemical resistance good **85**℃ Temperature resistance (long term) UL746C

Date Modified: 23/05/2018

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