



## 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.

<b>Technology / Base</b>	Acrylate
<b>Type of Product</b>	Pressure Sensitive Adhesive Tape
<b>Components</b>	PE foam, Acrylic pressure sensitive adhesive, PE or PET liner
<b>Appearance / Color</b>	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°C (50°F).

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.

### Storage Conditions

Adhesive tapes should be stored at room temperature and normal humidity (50 ~ 70)%RH.

Shelf Life: 12 months from date of manufacture.

### Typical Packaging

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



Technical Data

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

Date Modified: 23/05/2018

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