



H.B. Fuller



TONSAN

# TICTAK 621 Double Sided Foam Tape



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Connecting what matters.™

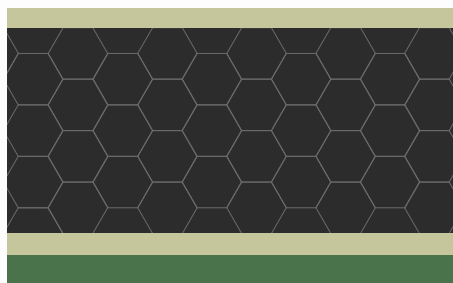
TICTAK 621 consists of closed cell polyethylene foam and high strength acrylic adhesive. It provides good initial tack and ultimate adhesion to a wide variety of surfaces. It has excellent bonding and sealing properties against air and moisture even at tough weather conditions.



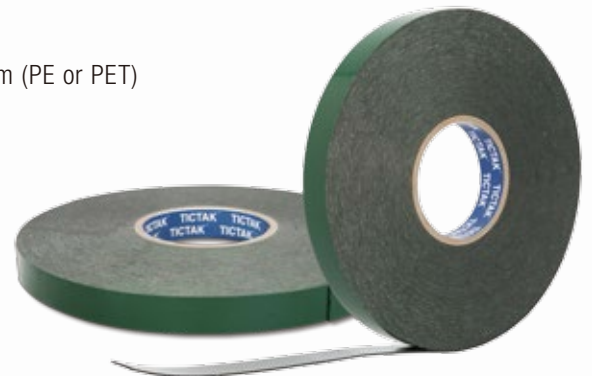
## Product Advantages

1. Immediate bonding and easy application process.
2. Good adhesion to aluminum, glass, PVDF, PET and other backsheet films.
3. High performance PSA (pressure sensitive adhesive) and flexible foam to protect the PV module against mechanical load.
4. Excellent UV & weathering resistance.
5. Fit for automatic production.

## Tape Structure



- Acrylic PSA  
(pressure sensitive adhesive)
- PE Foam (closed bubbles)
- Release Film (PE or PET)



1. High performance acrylic PSA (pressure sensitive adhesive) can ensure reliable and durable bonding.
2. Flexible foam tape to conform with uneven substrate and ensure good adhesion.
3. A flexible foam is capable of following the shear movements of different materials at temperature change.
4. With closed-cell PE foam, the tape have excellent water-resistance property.

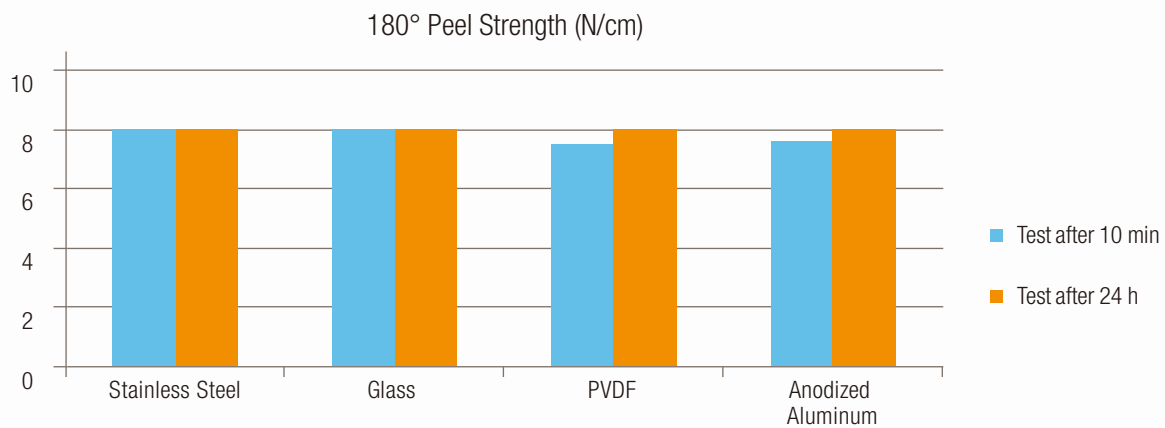
## Mechanical Properties

Color	Specification*	Tensile Strength (MPa)	Elongation at Break	Volume Resistivity ( $\Omega$ -cm)	Breakdown Voltage (Kv/mm)	UL Certification	Shelf Life
Black/White	Length: 50m, 1500m Width: 17mm, 19mm Thickness: 1mm	1.2	220%	$1.0 \times 10^{15}$	15	E470703	1 year

\*Can be cut to any width within 10-25mm

## Aging Properties

Test Item	Test Standard	Before Aging	DH1000h	TC200	HF10
Shear Strength (Al-Al, MPa)	IEC61215 ASTM D1002	0.45	0.46	0.48	0.48
Tensile Strength (MPa)	IEC61215 ASTM D3759	1.2	1.35	1.30	1.25
Elongation at Break (%)		220	215	225	225



Good initial tack and final adhesion with common substrates used in PV module manufacturing.



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[www.hbfuller.com](http://www.hbfuller.com)  
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IMPORTANT : It is the user's responsibility to test and determine the suitability of a product for the user's intended use. Any product samples provided for testing are provided in accordance with standard limited warranties as stated on our technical data sheets.

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