

CI/SfB		Yt3	
CAW Z20			
Uniclass L6739:P99			

## Description

TN550 is a self-adhesive PVC foam tape with pressure sensitive acrylic adhesive, supplied on an easy to use roll.

## Packaging

Thickness: 2, 3, 4, 5, 6, 8 and 10 mm

Width: 6 to 950 mm

Any width within the range noted above can be cut subject to minimum order quantities. Stock sizes are available and our Customer Services team can supply details as well as advise on cut to order sizes, minimum order quantities and lead time.

## Technical Information

Property	Results
Foam Type	PVC
Foam Density	235 kg/m <sup>3</sup>
Adhesive Format	Double Sided
Adhesive Type	DSX / DST
Tape Colour	Black (white in 2 mm)
Recommended Compression	20% for security 30% for weather sealing performance
Application Temperature	+10°C to +30°C
Service Temperature	-30°C to +60°C
Storage	Store in shaded dry conditions between +5°C and +25°C
Shelf Life	12 months when stored as recommended in original unopened packaging

Meets the manual glazing removal requirements of PAS24:2016.

## Preparation

- Ensure bonding surfaces are free from irregularities and loose particles which may impair adhesion.
- Dust, dirt and grease can be removed using AT115 Solvent Cleaner.
- The substrate must always be dry before application of the tape.

## Application

- The width of tape should provide a minimum net 10 mm of contact with the frame rebate to optimise security performance. The thickness should be chosen to achieve 20% compression of the tape when the glazing assembly is completed.
- The exposed adhesive face should be unwound gradually, and carefully located onto the surface of the substrate. Care must be taken to avoid compressing or stretching the tape during location- this could induce peeling forces and cause the tape to lift from the substrate.
- Once the tape has been positioned then apply even pressure throughout the length using a roller, starting at the centre and moving to each end to avoid stretching.
- With double sided tapes the protective release film is not removed until immediately prior to glazing.
- Joints may be made by mitring corners or butting the tape ends tightly together. In all cases the tapes should be cleanly cut at slightly longer length than required to ensure compression of the joining faces, and formation of a tight joint.



## TN550

## Security Glazing Tape PVC

### Usage / Purpose

TN550 is a high-performance, double-sided PVC foam tape used to provide high security glazing of externally beaded windows and doors. The double thickness adhesive with tissue interlayer on the DST format is designed to prevent damage by the adhesive to sensitive substrates due to plasticiser migration.

### Key Benefits

- A very cost-effective method of maximising security levels of externally beaded windows and doors
- Securely bonds the glass unit into the frame making removal from outside virtually impossible
- Extensive testing and certification
- Meets manual glazing removal requirements of PAS24:2016

TN550

## Security Glazing Tape PVC



### Please Note

Tape must be under minimum 20% compression to achieve an effective security performance or 30% for weathersealing performance.

Ensure compression is sufficiently high to maintain continuous contact with the external bead.

Users are advised to conduct their own tests in order to determine the suitability of the product for the particular application.

Contact of the tape with solvents or corrosive chemicals should be avoided.

### Health & Safety Precautions

Safety data sheet must be read and understood before use.

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### Technical Service

tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

### Guarantee / Warranty

tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with tremco

illbruck written instructions and (b) in any application recommended by tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.



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