**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**

<table>
<thead>
<tr>
<th>Property</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foam Type</td>
<td>PVC</td>
</tr>
<tr>
<td>Foam Density</td>
<td>235 kg/m³</td>
</tr>
<tr>
<td>Adhesive Format</td>
<td>Double Sided</td>
</tr>
<tr>
<td>Adhesive Type</td>
<td>DSX / DST</td>
</tr>
<tr>
<td>Tape Colour</td>
<td>Black (white in 2 mm)</td>
</tr>
<tr>
<td>Recommended Compression</td>
<td>20% for security</td>
</tr>
<tr>
<td></td>
<td>30% for weather sealing performance</td>
</tr>
<tr>
<td>Application Temperature</td>
<td>+10°C to +30°C</td>
</tr>
<tr>
<td>Service Temperature</td>
<td>-30°C to +60°C</td>
</tr>
<tr>
<td>Storage</td>
<td>Store in shaded dry conditions between +5°C and +25°C</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>12 months when stored as recommended in original unopened packaging</td>
</tr>
</tbody>
</table>


**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.

**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
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.