Description
TN416 is a preformed high performance polyisobutylene (PIB) based sealing tape with enhanced adhesive characteristics for more demanding applications where there are requirements for a high degree of bonding. It is available in single strand or multi-lane rolls.

Colour
White (black and grey also available, subject to minimum order quantity)

Size / Quantities
25 mm x 4 mm (18 m / roll)

Technical Information

<table>
<thead>
<tr>
<th>Property</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>PIB based tape</td>
</tr>
<tr>
<td>Life Expectancy</td>
<td>In excess of 25 years</td>
</tr>
<tr>
<td>UV Resistance</td>
<td>Excellent</td>
</tr>
<tr>
<td>Joint Movement Capability</td>
<td>Up to 15%</td>
</tr>
<tr>
<td>Dynamic Tensile Adhesion Separation Rate (100 mm/min @20°C)</td>
<td>20 N/cm² to standard 180 grit stainless steel</td>
</tr>
<tr>
<td>Dynamic Shear Separation Rate</td>
<td>22 N/cm² to standard 180 grit stainless steel</td>
</tr>
<tr>
<td>Moisture Vapour Transmission Rate</td>
<td>0.010 g/m²/24hr/mm at 25°C &amp; 75% RH</td>
</tr>
<tr>
<td>Application Temperature Range</td>
<td>+4°C to +40°C</td>
</tr>
<tr>
<td>Service Temperature Range</td>
<td>-40°C to +90°C</td>
</tr>
<tr>
<td>Storage</td>
<td>Store in shaded dry conditions between +4°C and +30°C</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>24 months when stored as recommended in original unopened packaging.</td>
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</tbody>
</table>

Compatibility
Very good adhesion to most surfaces & compatible with most commonly used construction materials.
For further information please contact our technical department.

Surface Preparation
• Ensure substrates are clean, dry and free from dust, dirt, wax, oil, etc., and any loose friable material liable to impair adhesion.

Application
• The product should be unwound and lightly pressed into position leaving the release paper in place.
• On forming the joint, the release paper is removed, and the closing surface pushed firmly in place, pressure applied along the length of the joint and mechanically fixed.

Health & Safety Precautions
Safety data sheet must be read and understood before use.

Usage / Purpose
TN416 is designed for applications where joints need to be formed to seal against air and water ingress in many markets such as, Roofing and Construction, Glazing, sealing bath & shower splash trims and bonding & sealing applications such as polythene membranes.
This product has been developed with the bonding of more difficult materials such as polyethylene sheets used in DPM & DPC applications in mind.
The product is cost effective, requires no tools to apply and is simple and easy to use.

Key Benefits
• Self-wound roll presentation
• Solventless formulation
• Instant seal
• Direct control over quantity of sealant used in the joint
• Ease of use
• Good adhesion on both faces to most building materials
• High pumping resistance
Technical Service
Tremco CPG UK Limited 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 CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, 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 CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.