

CI/SfB		Yt3	
CAW Z20			
Uniclass L6739:P99			

Description

TN171 is a high definition expanded physically cross-linked polyethylene foam, coated both sides with a high shear pure acrylic adhesive.

Packaging

Thickness: 0.8mm Width: 3 to 1,220 mm
Any width within the range noted above can be cut subject to minimum order quantities. Stock sizes are available and our Customer Service 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	PE, physically cross-linked
Foam Density	200 kg/m ³ +/-25%
Adhesive Format	Double sided
Adhesive Type	High shear pure acrylic
Tape Colour	Black
Application Temperature	+10°C - advisory
Service Temperature	-40°C to +120°C
Recommended Compression	N/A
Storage	Store in shaded dry conditions between +5°C and +20°C
Shelf Life	24 months when stored as recommended in original unopened packaging

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. Where substrates are sensitive to solvent attack, clean with warm water and allow to dry.
- The substrate must always be dry before application of the tape.

Application

- The exposed adhesive face should be unwound gradually and carefully located onto 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 joint assembly.
- 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 jointing faces and formation of a tight joint.



TN171

Automotive Trim Tape

Usage / Purpose

TN171 is particularly suited to high tensile applications where twisting and torque may distort lower density foams. Ideal for optical lens grinding pads and high shear assembly and display works.

Key Benefits

- High/low temperature stability
- Excellent die-cutting stability
- Very high shear and torque resistance
- Excellent UV resistance

Automotive Trim Tape

Please Note

Users are advised to conduct their own tests in order to determine the suitability of the product for the particular application. All slitting and length tolerances are to British Standards, but other tolerances are available by request.

Health & Safety Precautions

Safety data sheet must be read and understood before use.

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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