

CI/SfB		Yt4	
CAW)22			
Uniclass L653:P741			

Description

TN414 is a cross-linked butyl pre-formed strip incorporating a continuous EPDM shim cord, supplied on fast release paper.

Colour

Black (grey also available, subject to minimum order quantity)

Size / Quantities

Tape Size (mm) h x w	Metres/Roll (approx.)	Rolls/Box	Metres/Box	Glazing Face Clearance (mm)
3.2 x 9.5	12.2	24	293	1.5- 1.8
4.8 x 9.5	9.1	24	219	3.0- 3.5
4.8 x 12.7	9.1	18	165	3.0- 3.5

Supplied as a single extrusion on reels.

Technical Information

Property	Test Method	Results
Composition		100 % solid cross-linked butyl pre-formed strip with continuous EPDM shim cord
Hardness	Shore (OO)	57
Accelerated Ageing Cycle	DTU 39.4	Excellent adhesion after 1,000 hours cyclic testing
Application Temperature		-5°C to +50°C
Service Temperature		-50°C to +90°C
Storage		Store in shaded dry conditions at less than +27°C.
Shelf Life		12 months when stored as recommended in original unopened packaging.

Compatibility

Any glazing sealant or other material coming into contact with, or in close proximity to the TN414 must be compatible. Solvent based timber preservatives applied to timber frame members prior to glazing, or solvent based frame finishes applied subsequent to glazing or in service, may also present compatibility issues. If in doubt, please contact your tremco illbruck Technical Sales Representative.

Surface Preparation

- Ensure glazing platform is clean, dry and free from dust, dirt, wax, oil, etc., and any loose friable material liable to impair adhesion.

Application

- Apply tape to upstand: release paper helps alignment (tape should appear 1-2 mm above sightline).
- Butt tape lengths- do not overlap.
- Tape butt joints should be sealed by applying a bead of TREMCO Butyl Sealant.
- After positioning of insulating glass unit, apply pressure to ensure wet-out of tape.
- After application of second tape to the pressure plate, position pressure plate and screw back. Cut excess tape from above sightline on both sides.



TN414

Butyl Shim Tape

Usage / Purpose

TN414 is designed for factory and site use, including: compression glazing of timber and, where there are serrations on the metalwork, aluminium windows/doors; situations where tape is compressed to the shim, (i.e. glass/unit is to be held within a compression cushion of between 700 and 1750 N/m); and curtain wall and sloped glazing.

Key Benefits

- Security seal: de-glazing by intruders extremely difficult
- Leak-free, high performance: proven service record
- Suitable for internal glazing
- Excellent wet seal capability
- Integral shim keeps glass/unit accurately spaced and transfers wind load from glass to frame
- Resistant to UV exposure
- Life expectancy 20+ years

TN414

Butyl Shim Tape



Please Note

TN414 is not recommended for use with high temperature glasses, where compression is not applied, in joints subject to prolonged water immersion, or where application temperatures are below +5°C.

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.



tremco illbruck Limited
Coupland Road
Hindley Green, Wigan WN2 4HT
United Kingdom
T: +44 1942 251400
F: +44 1942 251410

sales.uk@tremco-illbruck.com
www.tremco-illbruck.co.uk