

CI/SfB		Yt3	
CAW Z20			
Uniclass L6739:P99			

Description

TN055 is a biaxially oriented polypropylene safety backing tape, coated with a special acrylic based pressure sensitive adhesive. It has high tack, high adhesion and excellent holding power.

Colours

Clear

Also available with a plain liner and a grid pattern liner.

Packaging

Thickness: 90 µ

Widths: 6 mm to 1,280 mm.

Technical Information

Property		Results
Tape Thickness		91 µ
Adhesive Thickness		30 µ
Polypropylene Thickness		61 µ
Tensile Strength Machine Direction	PSMA DST- 5 (5 mm x 100 mm test area)	75.6 N/cm
Tensile Strength Cross Direction	PSMA DST- 5 (5 mm x 100 mm test area)	168.0 N/cm
Elongation Machine Direction	PSMA DST- 5 (5 mm x 100 mm test area)	161%
Elongation Cross Direction	PSMA DST- 5 (5 mm x 100 mm test area)	43%
Adhesion 20 Minutes	PSMA DST- 1 (20 minute & 24 hour dwell)	7.5 N/25 mm
Adhesion 24 Hours	PSMA DST- 1 (20 minute & 24 hour dwell)	11.5 N/25 mm
Shear	PSMA DST- 2 (1 kg)	>100 hours
Application Temperature		+10°C to +23°C
Service Temperature		-40°C to +80°C
Storage	Store in shaded dry conditions between +10°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.



TN055

Polypropylene Safety Backing Film

Usage / Purpose

TN055 is suitable as a safety backing for mirrors.

Key Benefits

- Tested as B.S. 6206 class B & C for mirror safety backing
- Approved Wintech certificate number R2830/08/1824
- Conforms to BSEN 12600 2B2 and 2C2 (clear only)

TN055

Polypropylene Safety Backing Film

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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