

White Double Sided 1.1mmTH White Permanent High Bond Tape



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PRODUCT COMPOSITION

SPECIFICATIONS	
Code	S3011
Description	Red Polyethylene Film with White Solid Foamed Acrylic
Features and Benefits	Double coated for extra initial tack Bonds to metal, glass & high surface energy plastics Excellent U.V light & weather resistance Red release liner
Areas of Use	Sign & glazing applications Permanent bonding and sealing to replace rivets, spot welds, liquid adhesives & other permanent fasteners Invisible bonding to plastics, glass, painted steel & aluminium Ideal for double glazing Back lit signs Refrigeration displays & units
Industries	Trade Signage Retail
Colour	White
Sizes Available	12mm x 33m 18mm x 33m 24mm x 33m
Slitting Options	Custom slit available on request

PHYSICAL PROPERTIES	
Backing (Liner)	Red Polyethylene Film
Adhesive Type	White Solid Foamed Acrylic
Temperature Range (°C)	-20 to +180
Static Shear Strength	> 200 Hours
Adhesion to Stainless Steel (N/25mm)	65 After 20 Minutes 95 After 70 Hours
Thickness (mm)	1.1 (1100 Microns)

The figures above are based off average results from multiple tests, results may vary + or - 5%

100% New Zealand Owned & Operated



PRODUCT FEATURES		APPLICABILITY ON	
Initial adhesion	●○○	Foam	●○○
Final adhesion	●●●	Rubber	●○○
Dimensional stability	●○○	Fabric	○○○
Adhesion on even surfaces	●●●	Glass/Ceramics	●●●
Adhesion on rough surfaces	●○○	Finished Timber	●●○
Ageing resistance	●●●	High energy plastics: PVC, PC, ABS,..	●●●
Weathering resistance	●●●	Low energy plastics: PE, PP	●○○
Chemical resistance	●●●	Metal	●●●
Resistance to plasticizers	●●○	Paper/Cardboard	●○○

●●● Very suitable ●●○ Suitable ●○○ Suitable with reductions ○○○ Not suitable

CONDITIONS OF USE

For best results apply self-adhesive tapes between 15°C and 25°C in a dry environment. Application surfaces must be dry and free from dust and particles. Do not apply on surfaces treated or contaminated by anti-adhesives. Avoid contact with surfaces containing plasticizers or other chemical agents not compatible with the tape. Care must be taken regarding removability without residue and working conditions of the self-adhesive tape.

TAPE STORAGE

Ideally, store tape between 15°C and 25°C with a maximum relative humidity of 65%. Always store away from heat sources, avoiding exposure to light and if possible keep in the original packaging. When temperatures are lower than 15°C, it is highly recommended to recondition the adhesive tape to the average temperature range (15°C to 25°C) before use.

TAPE SHELF LIFE

Self-adhesive tapes technical features are generally not permanent but remain at their best for approximately 12 months, if stored according to suggested conditions and by avoiding extreme environmental conditions such as quick and sudden temperature changes, exposure to UV light and high levels of humidity.

OTHER INFORMATION

All test methods are based on ASTM standards and Pomona's standardised test methods. The information provided above is based on our experience and tape industry knowledge. It is given in goodwill but is not a guarantee or a warranty. All end-users should ensure for themselves that the product is suitable for their particular application before using.

NB: Peak Force Test: based on ASTM 3759/D ASTM 3759/M and Pomona® test methods,
Peel Test: based on ASTM D3330 and Pomona® test methods.

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