

# Technical DATA SHEET

## REINFORCED FOIL TAPE REINFORCED ALUMINIUM FOIL / ACRYLIC ADHESIVE

### Introduction

Reinforced Aluminium Foil Tape is an aluminium foil, laminated with a polyethylene mesh and coated with a high strength solvent based aggressive acrylic adhesive and protected by an easy peel release liner.

The flexible foil applies easily and is specially designed for sealing insulation joints and seams against moisture and vapour on PE mesh aluminium and reinforced aluminium faced insulation products. Reinforced Foil Tape provides easy application and superior performance and durability over a wide range of demanding temperatures and environments.

### Features & Benefits

- Hand Tear able
- Excellent Peel Adhesion
- Superior Initial Tack & Permanent Bonding
- High performance in both Warm and Cold Weather
- Flexible & Durable
- Conforms well to irregular surfaces
- Outstanding Temperature & Ageing Resistance
- Will not delaminate with age
- Good Water & Fire Resistance

### Product Configurations

Silver reflective Aluminium finish  
50m x 48mm wide  
50m x 72mm wide  
50m x 96mm wide

### Technical Specifications

Test	Typical Value	Typical Value (Metric)	Test Method
Product Thickness (Total)	6.2 mils	0.16 mm	PSTC-133/ASTM D3652
Backing	4.6 mils	0.12mm	
Adhesive	1.6 mils	0.04mm	
Peel Adhesion (20min dwell from SS)	65 oz/in	20 N/25mm	PSTC-101
Adhesion to Steel		20 N/25mm	PSTC-101/ASTM D3330
Shear Adhesion	>24 hrs @ 2.2 psi	> 24 hrs @ 15.2 kPa	PSTC-107
Tack Rolling Ball	20cm	7.87"(inch)	PSTC-6/ASTM D3121
Tensile Strength	22 lb/in	100 N/25mm	PSTC-131/ASTM D3759
Elongation	25 %	25 %	PSTC-131/ASTM D3759
Service Temperature	-30 to +248 °F	-30 to +120 °C	-----
Application Temperature	-10 to +104 °F	-10 to +40 °C	-----
Early Fire Hazard Test	Conforms / Pass		AS1530 part 3-1976
Volatile Organic Compound (VOC)	< 1% of the weight of the product supplied		
Ozone Depletion	ODP Free ( will not cause ozone depletion)		

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19 Pascal Road, Seaford, Victoria, 3198