



TECHNICAL DATA SHEET

24/04/13

REF: AS 252 A high performance 40 micron Aluminium Foil tape.

DESCRIPTION: A dead soft 40 micron Aluminium Foil Tape coated with a pressure sensitive acrylic adhesive on one face and lined with a release paper to protect the adhesive face. This product was tested to BS476 part 6 & 7 standards and meets class 1 and class 0 fire regulations. No chlorine or chlorine compounds, or chlorides were used in the production process.

SPEC:	<u>Widths Available:</u>	All standard widths available plus bespoke sizes upon request
	<u>Standard Length:</u>	Standard sizes upon request
	<u>Total Thickness:</u>	130µm
	<u>Tack to Steel:</u>	20.3 N/25mm
	<u>Adhesion to Steel:</u>	20mins: 12.1 N/25mm 60mins: 13.1 N/25mm 24 hrs: 15.6 N/25mm
	<u>Shear</u>	>200hrs
	<u>Tensile Strength without release liner:</u>	60 N/25mm
	<u>Humidity Shear Test</u>	>4 hours

Application Temperature: -20°C to +50°C Can be applied at Temperatures down to 0°C as long as surface is free from ice or moisture

Service Temperature: -20° C to + 120° C (Can only withstand 120° C for a few minutes)

Moisture Vapour Permeability: Less than 1gm/M²/24 Hrs at 38°C and 90% RH

USES: Insulation: Joint Sealing Foil Fibre Glass Insulation. Wide width uses for decorating and fire-rating other insulation materials. Heat reflection and screening on electronic equipment. Sealing Cold Storage Insulation, packing refrigerated export containers. Decorating of Point-of-Sale Media. Wide width used for mirror backing.

APPLICATION: Surfaces to be bonded must be clean, dry and free from dust. If necessary clean surfaces sparingly with a ketone free proprietary solvent, allow to dry prior to tape application.

Above mentioned values represent the average values determined by standard test methods and as such they are not binding. Any recommendations stated by the Company are made in good faith but cannot over-ride the basic obligation of the User to satisfy himself at all times as to suitability of the widely varying environmental conditions, the standards of application, and the changes in technology which can alter the properties of materials with which our products are expected to perform.



Certificate Number: 837/1

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