

Adhesive Specialities Ltd

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TECHNICAL DATA SHEET

REF: AS 252 - 40 micron Aluminium Foil tape

DESCRIPTION: A dead soft 40 micron Aluminium Foil Tape coated ultra violet resistant, 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: Widths Available: Various sizes upon request

<u>Standard Length</u>: Standard sizes upon request

Total Thickness: 130μm

(incl. release liner)

Adhesion to Steel: 20mins: 12.1 N/25mm

60mins: 13.1 N/25mm 24 hrs: 5.6 N/25mm

Tensile Strength without release liner: 60 N/25mm

Shear >200hrs

Tack to Steel: 20.3 N/25mm

Humidity Shear Test >4 hours

Application Temperature: -20°C to +50°C The surface must be free from ice or moisture.

Service Temperature: -40° C to + 120° C (Can withstand 140° C for a few minutes)

Moisture Vapour Permeability: Less than 1gm/M²/24 hrs @ 38^o & 90% RH

STORAGE: Normal room temperature

<u>USES</u>: 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.

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.