



Adhesive Specialities Ltd  
Tickitape House, 31 Bone Lane  
Newbury, RG14 5SH  
+44(0)1635 49825

## TECHNICAL DATA SHEET

18/08/2016

**REF:** AS251 - 50 micron Aluminium Foil Tape.

**DESCRIPTION:** A dead soft Aluminium Foil tape coated with a long lasting, ultra violet resistant, acrylic adhesive on one side and lined with a release paper to protect the adhesive face.

**SPEC:** Widths Available: Various sizes upon request

Standard Length: Standard sizes upon request

Total Thickness: 140µm (.14mm)  
(incl. release liner)

Adhesion to Steel: 60 mins 13.0 N / 25mm  
24 hours 16.6 N / 25mm

Tensile Strength without release liner: 75 N/ 25mm

Shear: >200 hours

Tack to Steel: 19.4 N/25mm

Application Temperature: 0°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/M<sup>2</sup>/24 hrs @ 38° & 90% RH

Volatile Organic Compound (VOC)

This product has been Volatile Organic Compound (VOC) tested for emissions from Aluminium Foil Tape to CDPH and Gold standard and has been passed for the following; CDPH, French VOC Regulation, French CMR Components, AgBB, Belgain Regulation EMICODE, Indoor Air Comfort®, Indoor Air Comfort GOLD®, EN 717-1 §, BREEAM International, LEED v4 (outside U.S.).

**STORAGE:** Normal room temperature

**USES:** Insulation: Joint Sealing Foil Fibre Glass Insulation. Wide width use 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.