



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

## TECHNICAL DATA SHEET

**REF:** AS 252 - 40 micron Aluminium Foil tape 18/01/2018

**DESCRIPTION:** A dead soft 40 micron Aluminium Foil Tape coated ultra violet resistant, with a pressure sensitive acrylic emulsion 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>	Various sizes upon request
<u>Standard Length:</u>	Standard sizes upon request
<u>Total Thickness incl. release liner:</u>	138 µm
<u>Adhesion to Steel:</u> 60mins: 14-16 N/25mm 24 hrs: 19-20 N/25mm	
<u>Tensile Strength without release liner:</u>	60 N/25mm
<u>Shear</u>	>200hrs
<u>Tack to Steel:</u>	20.3 N/25mm
<u>Humidity Shear Test</u>	>4 hours
<u>Application Temperature:</u> 0°C to +50°C The surface must be free from ice or moisture.	
<u>Service Temperature:</u> -40° C to + 120° C (Can withstand 140° C for a few minutes)	
<u>Moisture Vapour Permeability:</u> 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 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.