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## TECHNICAL DATA SHEET

18/08/2016

**REF:** AS291TD - 30 micron High Performance 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. This product has been tested to BS476 part 6 & 7 standards and meets class 1 and class 0 fire regulations.

**SPEC:**

<u>Widths Available:</u>	Various sizes upon request
<u>Standard Length:</u>	45M
<u>Total Thickness incl. release liner:</u>	120µm (.12mm)
<u>Tack to Steel:</u>	12.8N /25mm
<u>Shear:</u>	24.8 hours
<u>Tensile Strength with release liner:</u>	180 N/ 25mm
<u>Tensile Strength without release liner:</u>	40 N/ 25mm
<u>Adhesion to Steel:</u>	60 mins 16 N/ 25mm    24 hours 21 N / 25mm
<u>Adhesion to self:</u>	60mins 13.0 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 EMI CODE, Indoor Air Comfort®, Indoor Air Comfort GOLD®, EN 717-1 §, BREEAM International, LEED v4 (outside U.S.).

**USES:** A highly specified Aluminium Foil Tape for use in any situation where long life, great adhesive strength or ultra violet resistance is required.

**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.