

SELF ADHESIVE ALU BUTYL TAPE



ANTI VIBRATION



Product description

- Self-adhesive composite structure intended to damp vibrations. Materials vibrate and transmit this vibration and/or emit noise. The T 1415 AL 15 damping material absorbs these vibrations. They are dissipated as heat.
- The T1415 AL tapes are composed of a butyl viscoelastic layer and of a pre-stressed aluminium layer.
- The T1415 AL tapes are 2 to 4 times lighter than traditional products. They offer better thickness and weight savings while giving identical performance.
- Due to the use of a viscoelastic butyl, the damping performance works over a broad range of temperatures (-30°C to +80°C).
- The application is easy even at low temperatures. It matches the contours of the surface when applied.
- The visual face is a smooth aluminium foil (pre-stressed layer).
The adhesive face is also protected by a peelable, non-adhering liner.

Vibration damping capacity

■ Oberst Loss Factor at 23°C	D45 1809	η 200 Hz	0,21
■ Oberst Loss Factor at 40°C	D45 1809	η 200 Hz	0,20
■ Oberst Loss Factor at 60°C	D45 1809	η 200 Hz	0,09
■ Oberst Loss Factor at 80°C	D45 1809	η 200 Hz	0,06





T 1415 AL 15

Product properties

■ Total surface mass		2,75 kg/m²
■ Total thickness		1,6 mm
■ Aluminium thickness		150 µm
■ Impact behaviour at - 30°C	D 42 1313	no detachment
■ Peeling force at 90°	<ul style="list-style-type: none"> on steel 	MEL 052 ≈ 10 N/cm
■ Temperature of use	<ul style="list-style-type: none"> of application of service 	from +5°C to +40°C from - 30°C to + 80°C

Instruction for use

■ Surface preparation	<ul style="list-style-type: none"> The surface must be free of solvent traces and dust. It is up to the users to check if adherence with the surface is satisfactory over the range of the application temperatures.
■ Application	<ul style="list-style-type: none"> For an easy installation, apply the product between 10°C and 35°C. Remove the liner, position the product and roll-press. The recommended pressure of accosting ranges between 5 g/cm² and 15 g/cm². The aluminium face is compatible with a majority of paints. Butyl sealants are sensitive to solvents. Butyl sealants are plastic products. They do not possess any elastic resilience. Do not use for permanent fixings or in load bearing applications instead of an adhesive or of a mechanical fixing. The mechanical performances of butyl sealants decrease with an increase of temperature.

Standard packaging

■ Packaging	<ul style="list-style-type: none"> Rolls, width 1000 mm / Length 10 meters.
■ Standard colours	<ul style="list-style-type: none"> grey butyl



Safety

■ Important information

- Keep out of reach of children.
- Consult the Safety Data Sheet on www.olin.fr.

Shelf life - Storage

■ Conditions

- 12 months from production date, in original unopened packaging and protected from humidity. Store away from frost in a room with sufficient ventilation and at a maximum temperature of 30°C.

Recommendations

Our technical advices on the use of the product are expressed either orally, in writing or by means of tests. They are given to the best of our knowledge. They constitute simple indications which do not engage our responsibility. These values are given as an indication only and they cannot, in any case, be regarded as specifications. Insofar as it is not possible for us to control the use of the product and taking into account the diversity of materials and the possible uses, the users will have to carry out the tests necessary to determine if the product is suited for the specific use for which it is intended. It is up to the users to respect local legislation and to obtain the homologations and authorizations that are eventually required. Please check with our Customer Service that you have the current version of the Technical Data Sheets and of the Safety Data Sheets of the products you use.

