

## FEATURES

- Flexible alloy
- Easily formed
- Good weathering and chemical resistance
- Ideal for pressing and panelling applications

## Natural Aluminium Sheet, 300mm Long, 2.71g/cm<sup>3</sup>, 500mm x 3mm

RS Stock No.: 178-239



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

These aluminium sheets from our own RS PRO brand are precision-finished to meet the international standards for tight thickness, tolerance, flatness and dimensional accuracy, sound metallurgical properties for further fabrication. Anodising characteristics and blemish-free surface make these sheets useful in both commercial and general applications. Aluminium sheets are also suitable both inside and outdoor use.

RS PRO Aluminium Sheet Metal options include the following sizes:

434-043 - SIC 1050A Aluminium sheet, 300mm x 200mm x 1.2mm

434-059 - SIC 1050A Aluminium sheet, 500mm x 300mm x 2mm

178-239 - SIC 1050A Aluminium sheet, 500mm x 300mm x 3mm

183-944 - SIC 1050A Aluminium sheet, 500mm x 300mm x 6mm

188-321 - 6082 Aluminium sheet, 500mm x 300mm x 10mm

188-400 - 6082 Aluminium sheet, 500mm x 300mm x 12mm

188-292 - 6082 Aluminium sheet, 500mm x 300mm x 8mm

187-328 - 6082 Aluminium sheet, 500mm x 300mm x 3mm

188-264 - 6082 Aluminium sheet, 500mm x 300mm x 6mm

## General Specifications

<b>Construction</b>	1050A
<b>Material Grade</b>	1050A
<b>Colour</b>	Natural
<b>Suitability</b>	Cable Sheathings, Chemical Process Plant Equipment, Food Industry Containers, Lamp Reflectors
<b>Adhesive Backing</b>	No
<b>Form</b>	Solid
<b>Application</b>	Defence; Industrial engineering; Transport – road, rail, air, marine; Building and construction; Fan blades; Electrical engineering

**Mechanical Specifications**

<b>Length</b>	300mm
<b>Width</b>	500mm
<b>Thickness</b>	3mm
<b>Density</b>	2.71g/cm <sup>3</sup>
<b>Hardness</b>	34 HB
<b>Thermal Conductivity</b>	222W/mK
<b>Tensile Strength</b>	105Mpa to 145Mpa

**Approvals**

<b>Compliance/Certifications</b>	BS1470 SIC (1987); BSEN 485-515-573 1050 AH14
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