

Features

- Flexible Alloy
- Easily formed
- Excellent weathering and chemical resistance
- Ideal for pressing and panelling applicationsResistance to UV Radiation
- Made of solid aluminium with a natural color and a precision finish.
- Standards Compliance: The product is manufactured to meet various international standards, including BS EN 485-515-573-1050-AH14 and is RoHS compliant.
- Highly weldable (excellent with gas, arc, and resistance welding) and can be easily anodized to produce a highly reflective, precision-finished surface for decorative purposes.

Product Description

RS PRO 1050A Aluminium Sheet, L:500MM X W:300MM X T:1.2MM

RS Stock No: 0783468



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

RS PRO 1050A Aluminium Sheet

RS Pro 1050A Aluminium Sheet 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

Key Features:

- **High Purity and Flexibility:** The material is a commercially pure, flexible alloy (minimum 99.5% aluminium content) that is easy to shape, form, and bend.
- **Corrosion and Weather Resistance:** It exhibits excellent resistance to both chemical agents and weathering, making it suitable for both indoor and outdoor applications.
- **Thermal and Electrical Conductivity:** The 1050A grade offers good thermal conductivity (222 W/mK according to RS PRO data) and electrical conductivity, which is useful in heat exchange and electrical engineering applications.
- **Moderate Strength:** It is considered a medium-strength material, suitable for general applications like pressing and paneling rather than highly stressed structural uses.

Applications:

- Defence
- Industrial engineering
- Transport – road, rail, air, marine
- Building and construction
- Fan blades
- Electrical engineering

General Specifications

Material	Aluminium 1050A
Form	Sheet
Pack	1 of 1
Colour	Natural
Hardness	34HB
Adhesive Backing	No

Mechanical Specifications

Length	500MM
Width	300MM

Metal Sheets

Thickness	1.2MM
Density	2.71g/cm³
Tensile Strength	105-145 Mpa
Thermal Conductivity	222W/mK

Approvals

Compliance/Certifications	BS1470 SIC (1987); BSEN 485-515-573 1050 AH14
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Similar Products

RS Code	Grade	Dimensions
434043	1050A	300MM X 200MM X 1.2MM
0783467	1050A	500MM X 300MM X 1MM
0783469	1050A	500MM X 300MM X 1.5MM
178239	1050A	500MM X 300MM X 2MM
434059	1050A	500MM X 300MM X 3MM