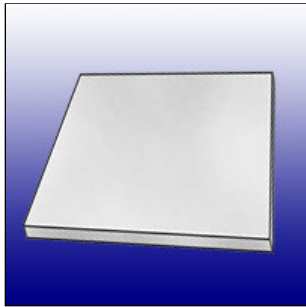




## 5052 Aluminum Sheet



5052 Aluminum

### Chemical Composition

Chromium:	0.15%-0.35%
Copper:	0.10% (Max)
Magnesium:	2.2%-2.8%
Manganese:	0.10% (Max)
Silicon:	0.25% (Max)
Zinc:	0.10% (Max)
Aluminum:	95.7%-97.7%

### 5052 Aluminum

5052 aluminum sheet product is a non-heat treatable aluminum alloy that displays excellent finishing qualities. Aluminum 5052 is easily weldable using a variety of techniques. It provides some of the best welding characteristics of any aluminum alloy. Among non-heat treatable alloys, 5052 is considered one of the strongest options. 5052 aluminum sheet is also highly resistant to corrosion and has very good formability and durability. Although it is not heat treatable, aluminum 5052 can be strengthened through the work-hardening process (5052-H32). 5052 does not contain copper which makes it less susceptible to salt water corrosion than alloys with copper.

[Request a quote](#) for pricing information on 5052 aluminum sheet, or call us at 888-888-2576 and we will gladly answer any questions regarding 5052 aluminum sheet that you may have. Alro Steel is your trusted 5052 aluminum sheet suppliers.

### Properties

5052 aluminum is a magnesium and chromium alloy that maintains good workability, medium static strength, high fatigue strength, good weldability, and very good corrosion resistance, especially in marine atmospheres. 5052 aluminum displays the following properties and chemistries:

Tensile Strength:	38,000 PSI
Yield Strength:	31,000 PSI
Elongation:	14%

**\*These numbers are "Typical" properties and may not be required to meet this grade. Please check with your Alro Sales Representative if physical properties are required for your application.\***

### Typical Uses

Typical applications include:

- Cooking Utensils
- Food Processing Equipment
- Storage Tanks
- Truck/Trailer components
- Mail Boxes
- Ladders
- Railing
- Frames

[Contact Alro Steel for 5052 Aluminum Sheet Today](#)

Contact us for more information regarding our 5052 aluminum sheet options, or [request a quote](#) for further pricing details today. Alro Steel is your premier resource for high quality aluminum sheet products.

Grade	Buy PLATE	Buy SHEET
5052	●	●

### Metals Products


- Alloy
- Aluminum
- Aluminum Plate
- Brass
- Bronze
- Copper
- Cast Iron
- Stainless Steel
- Tool Steel
- Expanded Metal
- Grating
- Carbon Steel
- Carbon Steel Bars
- Carbon Steel Plate
- Carbon Steel Sheet
- Carbon CF Bars
- Structurals
- Steel Tubing
- Carbon Steel Pipe
- Carbon Rebar
- Threaded Rod
- Chrome Plated Bar

### Metals Processing

- Flame Cutting
- Grinding
- Plasma Cutting
- Plate Laser Cutting
- Precision Plate Sawing
- Precision Milled Super Square
- Press Brake/Forming
- Thermal Processing
- Tube Cutting & Chamfering
- Tube Laser Cutting
- Saw Cutting
- Shearing
- Waterjet Cutting

### Metals Resources

- Metals Products
- Metals Literature
- Request a Quote/Submit a Print
- Quality System
- MSDS/SDS
- Metals Links

 **WARNING:** These products can potentially expose you to chemicals including Nickel, Chromium, Lead, Cobalt, Mercury and Beryllium, which are known to the state of California to cause cancer and/or birth defects or other reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)