

5083 Aluminum Sheet

5083 aluminum sheet manufacturers in China

5083 aluminum sheet belongs to Al-Mg series alloy. It is the highest strength corrosion-resistant alloy among practical non-heat-treated alloys. And it is suitable for welding structures. Also, it is worth mentioning that 5083 aluminum sheet has good resistance to seawater and low-temperature characteristics. Therefore, 5083 aluminum sheet has become the most suitable choice for marine-grade aluminum.

Strength of Mingtai Aluminum Production 5083 Aluminum Sheet

1. 5,000 Tons/Month output, high production capability will shorten your wait time.
2. Standard large workshop. Large-scale standardized industrial plants implement the 6s management system.
3. Advanced equipment. The introduction of SMS six-roll cold rolling mill equipment can produce 2600mm ultra-wide aluminum.
4. It has 6 semi-continuous casting production lines, 10 continuous casting and rolling production lines, and 44 other large-scale processing equipment
5. Factory Direct Sale. All of the products are directly ex-factory prices, which greatly reduces the cost of intermediate circulation, so the price is much more advantageous in the market.

What's the difference between Aluminum sheet 5083 H111 and Aluminum sheet 5083 H116? H111 VS H112 VS H116?

5083-H116 For products made of 5xxx series alloys with a magnesium content of 4% or more. These products have the required mechanical properties and resistance to spalling and corrosion. 5083-H111, full annealed products that have undergone a moderate amount of work-hardening, but can't reach the hardness of the H11 condition.

5083-H112: Applicable to products that are hot rolled. The mechanical properties of products in this condition are required by regulations.

5083-H321: This is suitable for processing aluminum materials with magnesium content greater than 4%, and the degree of work hardening in both hot and cold working is slightly less than that of H32. The technical parameters of H116 are demanding, with strict requirements for anti-corrosion properties and magnesium content; however, H321 has good performance stability.

Technical Parameter of Mingtai 5083 Aluminum Sheet

Alloy	5083
Temper	F,O,H12,H14,H16 H18,H19,H22,H24, H26,H28,H111,H112,H114
Thickness (mm)	0.4-500
Width (mm)	100-2650
Length (mm)	500-16000

Countries we have exported our products to:

5083 aluminum sheet is very popular in the market , it can be delivered to the market: Europe, India, Iran, Pakistan, Thailand, Mexico, USA and so on.

Aluminium 5083 Sheet Exporters:				
Saudi Arabia	Oman	Kuwait	Netherlands	Pakistan
Bahrain	Qatar	UAE	Africa	China
Nigeria	Mexico	Canada	Venezuela	United Kingdom
United States	South Africa	Malaysia	Bangladesh	Turkey
Singapore	Sri Lanka	Australia	Brazil	Germany
France	Italy	South Korea	Poland	Belgium

How to Pack and ship the Aluminum Sheet 5083?

- 1) Standard seaworthy export packaging. Wooden pallets with plastics protection for the coil and sheet.
 - 2) The packaging can be eye to sky or eye to wall based on the customer's requirement
 - 3) 16-20 MT can be located into 20FCL, the sea freight rate is much cheaper than 40FCL.
- Delivery Time: 15-35 days after receiving LC or deposit 30%