

Quenched/Stretched Aluminum Sheet

Introduction of Quenched/Stretched Aluminum Sheet

The main products of quenching and stretching plates are 6xxx series aluminum alloy plates. Quenching and stretching plates are used in abrasive tools, electronic casings, telecommunication equipment, computer casings and other fields. Mingtai Aluminum has domestic online continuous quenching equipment, which improves the production speed and ensures stable product performance.

Mingtai Aluminum has a professional R&D and production team, with guaranteed product quality, complete specifications, customization on demand, and a relatively complete after-sales service system; strict and scientific management, fast production scheduling, timely delivery, and guaranteed product quality. If you want to learn more about product details and preferential quotations, please click the online consultation on the right.

Does quenching aluminum make it harder?

The quench traps dissolve elements in the solution that will later precipitate out and create the age hardening effect. Right after the quench the alloy is usually easy to work with, but as time passes, it will harden and become difficult to work.

5052 stretched aluminum sheet

5052 stretched aluminum sheet is widely used in automobiles, ships, and electronic products, and the antirust performance of 5052 aluminum sheet is remarkable. 5052 stretched aluminum plate, the product performance is stable, with good forming performance and corrosion resistance. There are many types of 5052 stretched aluminum sheets. Even if the same aluminum sheet manufacturer produces 5052 stretched

aluminum sheets with different thicknesses, lengths and widths, the prices are also different. The price of 5052 aluminum plate with regular thickness and width is relatively cheap in the market, and the price of ultra-wide 5052 aluminum plate is more expensive.

6061-o stretched aluminum sheet

6061 aluminum plate has the characteristics of good processing performance, excellent welding characteristics and electroplating properties, good corrosion resistance, high toughness and no deformation after processing. 6061 aluminum plate is widely used in 3C fields such as mobile phone card slots, buttons, computer brackets, computer casings, as well as trolley cases, aluminum furniture, door panels/door handles, battery casings, etc. 6061-o stretched aluminum sheet is the performance of the soft state.

Battery shell tensile material 3003 aluminum plate

It is particularly important for the safety and service life of the power battery to choose a good quality power battery housing material. Battery shell material 3003 aluminum plate has good tensile properties; Good ductility, can be made of light alloys with many metal elements, excellent material; good surface treatment performance, stable chemical properties, non-magnetic; good thermal conductivity and electrical conductivity; can be recycled and reused repeatedly.

Quenched/stretched aluminum sheet technical parameters

Alloy series	6xxx series
Alloy	6015、6061、6063、6082
Temper	T4、T6、T651
Thickness(mm)	0.6-200
Width(mm)	500-2800
Length(mm)	500-8000