

Aluminum plate sheet products online: <https://www.aluminumsheet.net>

7005 aluminum plate sheet belongs to the Al-Zn-Mg-Cu super hard aluminum, good welding performance, heat treatment can be strengthened, the strength is less than 6061, but it is lighter as a typical lightweight aluminum. **7005 Aluminum Alloy plate sheet** often used in making welded structure have both high strength and high fracture toughness, such as transport vehicles, truss rod, container; large heat exchanger, and after welding can not be solid melt processing components; also can be used in the manufacture of sports equipment such as tennis racket and baseball bat.

| Alloy | Temper | Thickness (mm) | Width (mm) | Length (mm) | Final usage |
|------------------------------------|--------------------------|-------------------|---------------|----------------|---|
| 7005 Aluminum Plate sheet | O、 T6、 T651、 T7451 | 0.2-300 | <1500 | <8000 | Aircraft truss, large heat exchanger, tennis racket and softball stick etc. |

Performance advantage

- 1, 7005 aluminum plate sheet the alloy has good mechanical and anodic reaction, high strength and heat treatment;
- 2, 7005 aluminum plate sheet has good mechanical properties, easy processing, good wear resistance;
- 3, The use of good, after the elimination of stress, deformation and warpage after processing. All 7005 aluminum by ultrasonic detection, can ensure no blisters, impurities;
- 4, Especially for the manufacture of aircraft structures and other requirements of high strength, corrosion resistance of high stress structure;