

Aluminum roofing sheet 3003 Aluminum Roofing Sheet

3003 Aluminum Sheet for Roofing and Ceiling Panels

We provide corrugated aluminium metal panels for roofing, flooring, and siding. Aluminum corrugated metal sheet is a durable material that is lightweight, weatherproof, and appropriate for a variety of applications.

As the industry leader in supplying the best aluminum corrugated metal sheets, we can guarantee customer satisfaction by creating metal sheets in practically any material and standard size. We provide a range of finishes to suit your tastes.

GNEE is well regulated, with excellent weldability, corrosion resistance, bending resistance, and compression resistance. When cut, the surface is smooth and clean, and the surface treatment allows for a wide range of colors and textures.

GNEE is a maker of aluminum corrugated sheets with comprehensive equipment and a wide range of specifications. Can be measured according to the needed standard, with customized cutting. We can construct, bend, shape, cut, shear, and tear materials to any shape and size.

Product Description:

The **3003 aluminum roofing sheet** has become a popular choice for various installations and building applications due to its **excellent corrosion resistance** in almost any environment.

Even in **highly corrosive industrial settings**, 3003 aluminum demonstrates exceptional resistance to **organic vapors and fumes**, as well as to chemicals such as **ammonia, carbon dioxide**, and acids, including **hydrochloric, nitric, and sulfuric acid**. This strong anti-corrosion performance ensures a **long service life** while maintaining an **attractive appearance** throughout its use.

Advanced Processing Capabilities:

Professional cutting line enables customized sheet lengths according to project needs.

Embossing line can process aluminum coils up to **1.0mm thick (A5754 H24)**.

Brushing line available to produce brushed surface finishes as required.

Comprehensive processing system for **food-grade aluminum coils and sheets**.

Sufficient Raw Materials in Stock:

To ensure **shorter lead times**, GNEE maintains a large inventory of approximately **5,000 tons** of **mill-finished aluminum coils** in the **1xxx, 3xxx, and 5xxx series**, with thicknesses ranging from **2.0mm to 3.0mm** and widths from **1000mm to 2400mm**. Additionally, around **2,000 tons** of **coated aluminum coils and sheets** are kept in stock.

As a **VIP partner** of major raw material suppliers, GNEE ensures **rapid procurement and stable supply**, providing customers with high-quality aluminum roofing materials in the **shortest possible time**.

Chemical Content												
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Single	Total	Al
1050	0.25	0.40	0.05	0.05	0.05	—	—	0.05	0.03	0.03	—	99.5
1060	0.25	0.35	0.05	0.03	0.03	—	—	0.05	0.03	0.03	—	99.6
1070	0.20	0.25	0.04	0.03	0.03			0.04	0.03	0.03		99.7
1100	0.95		0.05 — 0.20	0.05	—	—	—	0.10	—	0.05	0.14	99.00
3003	0.6	0.7	0.05 — 0.20	1.0-1.5	—	—	—	0.10	—	0.05	0.15	—
5005	0.30	0.70	0.20	0.20	0.50 — 1.1	0.10	—	0.25	—	0.05	0.15	—
8011	0.50 — 0.90	0.6 — 1.0	0.1	0.2	0.05	0.05	—	0.10	0.08	0.05	0.15	—