

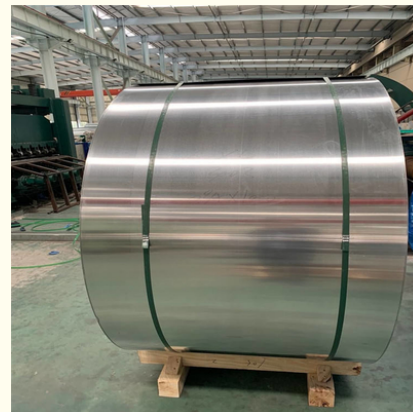


## AISI Aircraft Alloy Aluminium Coil H12 H14 H32 3003 6061 Thickness 0.4mm 0.5mm 0.6mm For Manufacturing of Aircraft Fuselage Skins

Our Product Introduction

### Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: Chinalco
- Certification: ISO9001
- Model Number: 3003 6061
- Minimum Order Quantity: 1ton
- Price: Negotiable
- Packaging Details: Exporting package/wooden box package/Or per customers' requirement
- Delivery Time: 3-15 days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 20000 Ton/Tons per Month



### Product Specification

- Product Name: Aluminum Coil
- Grade: 1050, 1060, 1100, 3003, 5052, 5005, 5754, 5083, 6061, 8081 Etc
- Surface Treatment: Mill Finish, Anodizing, Polish, Brush Etc.
- Thickness: 0.4-20mm Or As Required
- Width: 600-2300mm Or As Required
- Yield ( $\geq$  MPa): 230
- Elongation ( $\geq$  %): 55
- Sample: We Can Provide It.
- Highlight: **AISI aircraft alloy aluminium coil, 3003 6061 aluminium coil for aircraft, 0.4mm aircraft fuselage aluminium coil**

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## AISI Aircraft Alloy Aluminium Coil H12 H14 H32 3003 6061

### Product Overview

3003 and 6061 aluminium coils, key members of 1000-8000 series, excel as coil/strip for aircraft fuselage skins. Their alloy compositions drive performance: 3003 (manganese) offers great formability, 6061 (magnesium-silicon) delivers high strength, meeting aviation's strict demands.

Specs are flexible: thickness 0.6-20mm, width 10-2500mm (customizable). With tempers like H12-H38, H0, H111-H321, they boast  $\geq 230$ MPa yield strength and  $\geq 55\%$  elongation. Surface finishes include mill, bright, polished, hair line, etc., for diverse needs.

Globally trusted, they're exported via L/C, T/T, Western Union. Packed with waterproof paper inside, steel-covered pallets outside, shipped in 20ft GP, 40ft GP, 40ft HC containers. Ideal for aircraft and beyond, 3003 & 6061 aluminium coils blend quality and versatility.

<b>Product name</b>	Aluminium Coil
<b>Grade</b>	1000-8000 Series
<b>Type</b>	Coil/Strip
<b>Thickness</b>	0.4-20mm, or as required
<b>Width</b>	10-2500mm, or as required
<b>Yield (<math>\geq</math> MPa)</b>	230
<b>Elongation (<math>\geq</math> %)</b>	55
<b>Application</b>	Aircraft Fuselage Skins
<b>Surface finish</b>	Mill, bright, polished, hair line, brush, sand blast, checkered, embossed, etching, etc
<b>Temper</b>	H12, H14, H16, H18, H20, H22, H24, H26, H28, H32, H36, H38, H0, H111, H112, H114, H116, H118, H321
<b>Payment Terms</b>	L/C, T/T, Western Union
<b>Packing</b>	Standard export packing (inside: water proof paper, outside: steel covered with strips and pallets)
<b>Container size</b>	20ft GP: 5898mm(Length) x 2352mm(Width) x 2393mm(High) 40ft GP: 12032mm(Length) x 2352mm(Width) x 2393mm(High) 40ft HC: 12032mm(Length) x 2352mm(Width) x 2698mm(High)

### Product Images



Quality Testing



## Applications

In aerospace, their high yield strength ( $\geq 230\text{MPa}$ ) and excellent elongation ( $\geq 55\%$ ) make them ideal for aircraft fuselage skins, with customizable thickness (0.6-20mm) and width (10-2500mm) meeting strict aviation standards.

The construction sector utilizes them for curtain walls, ceilings, and cladding, leveraging various surface finishes like polished or hairline for both aesthetics and durability. They also serve packaging needs, such as in food containers, due to their formability, while automotive and electronics industries benefit from their lightweight properties and adaptability to specific temper requirements like H14 or H26.

## Packing & Shipping

Standard export package, suit for all kinds of transport, or as required.

All standard steel products are stocked, timely shipping as per clients request.







**Certifications**





## Frequently Asked Questions

### 1. How about your delivery time?

Generally, it will take 20 to 30 days after receiving your advance payment. The specific delivery time depends on the items and the quantity of your order.

### 2. How can we guarantee quality?

Always a pre-production sample before mass production; Always final inspection before shipment.

### 3. What services can we provide?

Accepted Delivery Terms: FOB, CFR, CIF, EXW

Accepted Payment Currency: USD, EUR, JPY, CAD, AUD, HKD, GBP, CNY, CHF

Accepted Payment Type: T/T, Credit Card, PayPal, Western Union

Language Spoken: English, Chinese, Spanish, Japanese, Portuguese, German, Arabic, French, Russian, Korean, Hindi, Italian



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