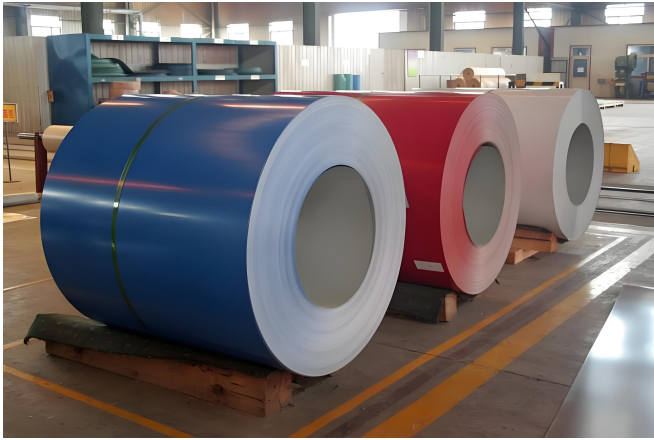




## 1060 Painted Aluminum Coil



1060 painted aluminum coil is primarily composed of 99.6% pure aluminum for its excellent corrosion resistance, high thermal and electrical conductivity, and good workability. When painted, it offers additional benefits such as enhanced aesthetics and protection against environmental factors.

### Specification:

|                   |                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------|
| Alloy             | 1050, 1060, 1070, 1100, 3003, 3004, 3105, 5005, 5006, 5052, 5754, 5182                                     |
| Thickness         | 0.2-1.5mm                                                                                                  |
| Width             | 600-1500mm                                                                                                 |
| Coating Surface   | PVDF/ PE/HDPE/EOXY/ PU                                                                                     |
| Coating Thickness | Single Coating (4-20 Um)                                                                                   |
|                   | Double Coating (25-28 Um)                                                                                  |
|                   | Triple Coating (35-38 Um)                                                                                  |
| Temper            | O,H12,H22,H14,H24,H16,H26,H18,H26,etc.                                                                     |
| Color             | All Ral Color or As Request                                                                                |
| Type              | Coil, sheet, strips, plate                                                                                 |
| Coil Weight       | 3-8 MT                                                                                                     |
| Coil ID           | 508mm and 405mm                                                                                            |
| Certifications    | ISO9001                                                                                                    |
| Applications      | Roofing System and Ceiling Decoration for Airport, Railway Stations, Exhibition Halls, Factory and Stadium |
| Supply Ability    | 200000 tons per year                                                                                       |
| MOQ               | 2 tons per size                                                                                            |

### Key Properties

#### Chemical Composition of Alloy 1060

| Element     | Aluminum (Al) | Silicon (Si) | Iron (Fe) | Other Impurities |
|-------------|---------------|--------------|-----------|------------------|
| Content (%) | ≥99.6         | ≤0.25        | ≤0.35     | ≤0.05            |

Note: The slightly higher aluminum purity (vs. 1050) reduces impurity levels, further enhancing corrosion resistance and electrical conductivity.



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### Mechanical Properties

| Property                  | Tensile Strength | Yield Strength (0.2% offset) | Elongation at Break | Hardness (Rockwell B) |
|---------------------------|------------------|------------------------------|---------------------|-----------------------|
| Typical Value (Temper: O) | 60-90 MPa        | 15-35 MPa                    | 30-40%              | 15-25                 |

Temper Designations: Commonly used in the O (annealed) temper for maximum ductility or H12/H14 (strain-hardened) for moderate strength improvements.

### Physical Properties

| Property | Density               | Melting Point | Thermal Conductivity | Electrical Conductivity | Thermal Expansion Coefficient        |
|----------|-----------------------|---------------|----------------------|-------------------------|--------------------------------------|
| Value    | 2.7 g/cm <sup>3</sup> | 643–657°C     | 209 W/m·K            | 61% IACS                | 23.1×10 <sup>-6</sup> /°C (20–100°C) |

### Standards and Specifications

|      |                                                                                     |
|------|-------------------------------------------------------------------------------------|
| ASTM | B209                                                                                |
| ISO  | ISO 26204 (alloy designations), ISO 6892 (mechanical testing), ISO 9001, ISO 14001. |
| UNS  | A91050 (United States Numbering System)                                             |

## Advantages

#### Highest Purity in 1xxx Series

Reduces contamination risks in sensitive applications (e.g., pharmaceuticals, high-purity electronics).

#### Unmatched Formability

Ideal for ultra-thin gauge products (e.g., foil as thin as 6 microns) and complex geometries.

#### Cost-Effective Purity

Lower production cost than specialty high-purity alloys (e.g., 1100-H18) while maintaining critical properties.

#### Environmental Friendliness

100% recyclable with minimal energy loss, aligning with sustainability goals.

## Applications:

- Construction: Building facades, roofing, and architectural panels.
- Automotive: Trim and body panels.
- Appliances: Refrigerator and washing machine exteriors.
- Signage: Outdoor signs and displays.

## Our Capabilities

#### - High-Volume Production

With an annual output of 200,000 metric tons, we reliably meet the demands of large-scale projects and tight timelines.

#### - Global Reach, Local Presence

Our products serve clients in over 30 countries, supported by local inventory for faster delivery and support.

#### - Certified Quality

Our quality management system and products are certified to ISO 9001, ASTM, and CSA standards, ensuring guaranteed



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performance.

#### - Technical Expertise

Our engineering team provides expert material selection and application support to ensure optimal performance for your specific requirements.

#### - Full Customization

We offer complete customization of colors, finishes, and dimensions to meet exact architectural specifications.

## Packaging:

- 1) LCL by wooden pallet package, fumigation wooden pallet is available
- 2) FCL by wooden pallet package loaded in the container
- 3) FCL in bulk loaded in the container
- 4) Customized package according to your demands

Shipping:

7-15 days after receipt of payment(depend on order quantity)

Important shipping particular will be sent to you by E-mail after delivery of the goods.

## FAQ

Q1. What is the minimum order quantity?

500Sqm for one color with 1220 mm\*2440 mm size.

Q2. What is your terms of payment?

T/T 30% deposit in advance; the balance paid should be paid according to the copy of B/L.

Q3. How about your delivery time?

Generally, it will take 15 to 20 days after receiving your advance payment. The specific delivery time depends on the items and the quantity of your order.

Q4. Can you produce according to the samples?

Yes, we can produce by your samples or technical drawings.

Q5: Do you have stock available in Canada?

A: Yes. We maintain strategic inventory of popular products in our Ontario warehouse for faster delivery across North America.

Q6. Why can I trust you and place order with you?

1. We are manufacture and supplier of coated aluminum sheet coil in Canada with over 10 years' experience.
2. We keep fastest delivery. Since we have perfect production equipment.