



6060 6063 6005 6082 6061 Anodized Industrial Aluminum Profile for Conveyors Systems in 6000 Series T3-T8

Our Product Introduction

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Basic Information

- Certification: CE, ISO
- Minimum Order Quantity: 500
- Price: 2.99



Product Specification

- Model NO.: Conveyors Systems Profile
- Type: Industrial Aluminium Profile, Aluminum Profile System
- Shape: T - Profile
- Grade: 6000 Series
- Temper: T3-T8
- Surface Finishing: Anodic Oxidation
- Alloying Ingredient: 6063
- Surface Treatment: Sandblasting Anodized
- Specification: 20*20, 30*30, 40*40, 40*80, 30*60, 80*80mm
- Material: Aluminium 6000 Series Alloy, Such As 6061, 6063, 6060, 6005 6082 Etc.
- Tensile Strength: $\geq 160\text{Mpa}$ (T5), $\geq 205\text{Mpa}$ (T6), $\geq 265\text{Mpa}$ (6061 T6)
- Yield Strength: $\geq 110\text{Mpa}$ (T5), $\geq 180\text{Mpa}$ (T6), $\geq 245\text{Mpa}$ (6061 T6)



More Images



Product Description

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Product Specifications

Item	Details
Material	Aluminum 6000 series alloy (6061, 6063, 6060, 6005, 6082)
Temper	T5, T6
Size	Customized
Shape	Square, flat, round, hollow, oval, triangle, U-profile, L-profile, T-profile, H-profile (custom shapes available)
Surface Treatment	Anodizing, Powder Painting, Mill Finished
Color	Silver, champagne, black, bronze, gold, white (custom colors available)
Deep Processing	CNC, drilling, milling, cutting, tapping, welding, bending, assembling
MOQ	500 kg per item (13-15 tons for 20GP, 25-28 tons for 40HQ)
OEM Service	Accepts customer drawings, samples, or design specifications
Production Capacity	2400-3000 metric tons monthly
Brand Name	MetalPlus
Certifications	ISO, RoHS, SGS
Quality Guarantee	Surface color stability for 10-20 years with indoor use

Material Properties

Chemical Composition

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Impurity	Al
6063	0.2-0.6	0.35	0.1	0.1	0.45-0.9	0.1	0.1	0.1	0.15	Rest
6061	0.4-0.8	0.7	0.15-0.4	0.15	0.8-1.2	0.04-0.35	0.25	0.15	0.15	Rest
6060	0.3-0.6	0.1-0.3	0.1	0.1	0.35-0.6	-	0.15	0.1	0.15	Rest
6005	0.6-0.9	0.35	0.1	0.1	0.40-0.6	0.1	0.1	0.1	0.15	Rest

Mechanical Properties

Alloy	Temper	Tensile Strength	Yield Strength	Elongation
6063	T5	≥ 160Mpa	≥ 110Mpa	≥ 8%
6063	T6	≥ 205Mpa	≥ 180Mpa	≥ 8%
6061	T6	≥ 265Mpa	≥ 245Mpa	≥ 8%

Packaging & Shipping

Packaging: Standard export package with EP foam inner protection, craft paper outer wrapping, pallet or wooden case (custom packaging available)

Sample Shipping: Via express (FEDEX, DHL, UPS, EMS) with freight paid by client

Mass Production Shipping: FOB Shanghai Port with freight negotiated based on order specifics

Lead Time: 12-18 days for die development and sample testing; 25-30 days for mass production after sample confirmation

Product Images

Anodized aluminum profile for conveyor systems

Custom aluminum extrusion profiles

Industrial aluminum profile applications
Aluminum profile surface treatments
Aluminum profile manufacturing process
Quality inspection of aluminum profiles

Company Profile

MetalPlus operates a 3600-ton extrusion press capable of producing heat sinks up to 600mm diameter. We specialize in custom aluminum extrusions for construction and industrial applications, offering complete services from mold design to fabrication and surface treatment.

Certifications

MetalPlus quality certifications

Company Milestones

- 2004:** Recognized Brand of Building Industry Material Market
- 2006:** ISO9001 Certification & Quality Inspection Exemption
- 2009:** Jiangsu Famous Brand & Advanced Company Awards
- 2012:** Established partnerships with Panasonic and LG
- 2015:** Became innovative supplier for European clients
- 2017:** Developed new baseboard heater products
- 2019:** Supplier to world's largest heater manufacturers
- 2023:** Expanding global distributor network

Notable Projects

Soccer City Stadium, Johannesburg

As primary aluminum supplier for Africa's largest stadium (94,000 seats), we contributed high-quality aluminum components that earned widespread acclaim for the finished project.

Aluminum components for Soccer City Stadium
Stadium construction with our aluminum profiles

Lobster Trailers Partnership

Our R&D team collaborates with this Nordic trailer giant to optimize designs, reduce production costs, and enhance product performance through advanced aluminum extrusion solutions.

Aluminum components for Lobster Trailers
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School Furniture Project

Supplied aluminum legs for school desks to local customer Dadn, demonstrating our capability to support clients in winning competitive bids through superior design and manufacturing.



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