

Electrophoresis Anti Scratch Customized Anodized Aluminum V-Slot Profile for Industrial Applications

Our Product Introduction

for more products please visit us on aluminumextrusion-profiles.com

Basic Information

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

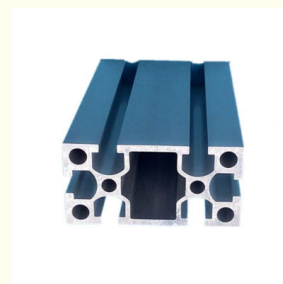
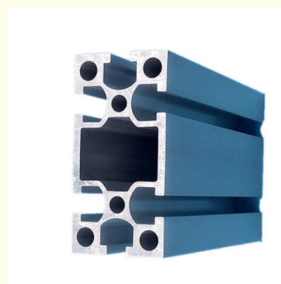


Product Specification

- Model NO.: V-Slot Profile
- Type: Industrial Aluminium Profile, Aluminum Profile System
- Shape: T - Profile
- Grade: 6000 Series
- Temper: T3-T8
- Alloy: Alloy
- 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)
- Yield Strength: $\geq 110\text{Mpa}$ (T5), $\geq 180\text{Mpa}$ (T6)



More Images



Product Description

Electrophoresis Anti Scratch 6063 T5 OEM Aluminum V-Slot Profile for Conveyors Systems

High-quality aluminum profile designed for conveyor systems with anti-scratch electrophoresis surface treatment.

Specifications

Item	Details
Material	Aluminium 6000 series alloy (6061, 6063, 6060, 6005, 6082)
Temper	T4, T5, T6, T66
Size	Customized
Shape	Square, flat, round, hollow, oval, triangle, U-profile, L-profile, T-profile, H-profile, customized
Surface Treatment	Anodizing, Powder Painting, Mill Finished
Color	Silver, champagne, black, bronze, gold, white or customized
Deep Process	CNC, drilling, milling, cutting, tapping, welding, bending, assembling
MOQ	500 kgs per item (13-15 tons for 20GP, 25-28 tons for 40HQ)
OEM Service	Drawing, sample or design service offered by customer
Production Capacity	2400-3000 Metric tons monthly
Brand Name	MetalPlus
Certificates and Standard	ISO, RoHS, SGS
Guarantee	Surface color stability for 10-20 years indoor use
Packing Details	Inside: EP foam; Outside: craft paper, Pallet, Wooden Case
Delivery Time	Die development/sample testing: 12-18 days; Mass production: 25-30 days after sample confirmation
FOB Port	Shanghai Port
Payment Terms	T/T 30% deposit, balance before delivery

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 inside and craft paper/pallet/wooden case outside. Custom packaging available upon request.

Shipping:

Samples shipped via express (FEDEX, DHL, UPS, EMS) with freight paid by client
FOB Shanghai for mass production
Delivery Time: 3 weeks after confirming all information

Company Profile

MetalPlus operates a 3600-ton extrusion machine 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 making to surface treatment and fabrication.

Certifications

Company History

- 2004: Recognized Brand of the Building Industry Material Market
- 2006: Certificate for Product Exemption from Quality Surveillance Inspection and ISO9001
- 2009: Advanced Company, Jiangsu Famous Brand Certificate, Credible Product of Quality in Jiangsu Province
- 2012: Established business relationships with Panasonic and LG
- 2015: Became innovative producer and supplying partner for European clients
- 2017: Developed new baseboard heater products
- 2019: Cooperated with world's largest heater manufacturers
- 2023: Expanding overseas distributor network

Notable Projects

Soccer City Stadium, Johannesburg: Supplied aluminum as main supplier for Africa's largest stadium (94,000 seats).

Lobster Trailers: Nordic trailer manufacturer partnership with optimized aluminum components.

School Project: Supplied aluminum legs for school desks in local projects.