



GUANGXI BAI SHENG LIGHT METAL MATERIAL CO., LTD

Aluminium plate catalogue

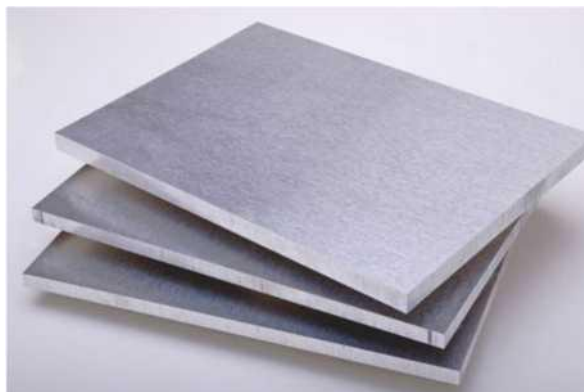


A manufacturer specialized in producing aluminium hard alloys and cladding materials

www.suncity-metal.com

Products Specification

GBS is a specialized manufacturer in producing aluminium hard alloys and cladding materials. The catalogue is mainly to present a wide range of hot rolled aluminium plate applied in aerospace industry, railway industry, auto industry, ship building and ocean engineering, energy, and dies. The product range mainly covers hot rolled plate, sheet and stretched plates/sheets etc.



Hot Rolled Plate

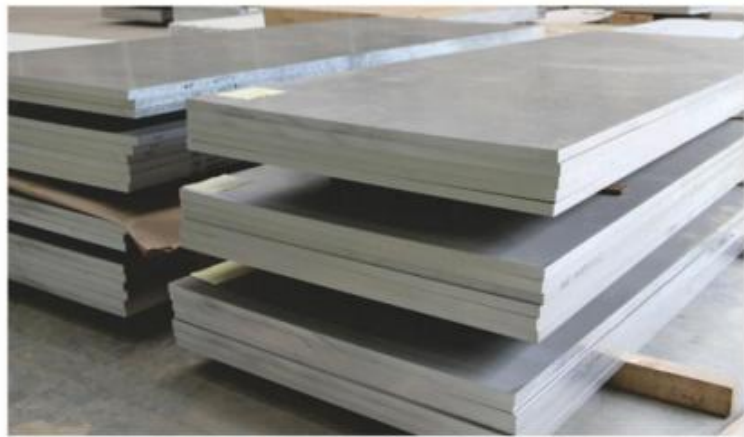
Alloy Series	Typical Alloy	Typical Temper	Specification mm		
			Thickness	Width	Length
3xxx 5xxx	3003 5052 5083 5A06	F H112	12-260	1000-3800	2000-38000
2xxx 6xxx 7xxx	2024 6061 7020 7075	F H112	12-260	1000-3800	2000-38000

Hot Rolled Sheet

Alloy Series	Typical Alloy	Typical Temper	Specification mm		
			Thickness	Width	Length
3xxx 5xxx	3003 5052 5754 5182 5083 5086	F H112	3.0-12	2000-2600	2000-24000
2xxx 6xxx 7xxx	2024 6061 7020 7050	F H112	3.0-12	2000-2600	2000-24000

Annealed Plate

Alloy Series	Typical Alloy	Typical Temper	Specification mm		
			Thickness	Width	Length
3xxx 5xxx	3003 5052 5754 5182	O/H111	3.0-12	1000-2600	2000-24000
	5083 5086 5A06	O	12-260	1000-3800	2000-38000
2xxx 6xxx 7xxx	2024 6061 7020 7050	O	3.0-12	1000-2600	2000-24000
			12-260	1000-3800	2000-38000



6061 Aluminium Hot Rolled Plate



5083 Aluminium Hot Rolled sheet



7075 Aluminium Quenched Plate



7050 Aluminium Stretched Plate

Quenched Plate

Alloy Series	Typical Alloy	Typical Temper	Specification mm		
			Thickness	Width	Length
2xxx 6xxx 7xxx	2024 6005A 6061 6082 7020 7N01 7075 7050	T4/T6	4-12 12-260	1000-2600 1000-3800	2000-24000 2000-38000

Stretching Plate

Alloy Series	Typical Alloy	Typical Temper	Specification mm		
			Thickness	Width	Length
2xxx 6xxx 7xxx	2017 2024 6061 6082 7020 7N01 7075 7050	T351 T451/T651 T7x51	4-12 12-260	1000-2600 1000-3800	2000-24000 2000-38000

Products application

Application field	alloy	Typical application
1xxx	1100	Industrial device and storage vessel, tank etc.
2xxx	2A12	Aerospace structural parts, mechanical parts, cabinet shell, moulding, building and transportation vehicle.
	2024	
3xxx	3003	Handing and storage device for chemicals, pressure vessel and tubing, liquid transportation, tanker, curtain wall and radiator etc.
	3004	Production and storage device for chemicals, building panel, cable and tubing etc.
5xxx	5052	Metal sheet for marine and transportation vehicles, inner and outer siding, board of railway carriage, storage device of oil and chemical industry, equipment panel and medical machinery etc.
	5A02	
	5754	Inner and outer siding, bed plate and board of railway carriage; transportation etc.
	5086	Board, siding and deck of ship side and bottom, etc.
	5083	Board, siding and deck of ship side and bottom, drilling platform, inner and outer siding, bed plate and board of railway carriage, welded parts of ship, automotive and aircraft panel, cooling device. Tower body of oxygen generator, structural parts of pressure vessel, LNG, tanker, oil storage tank and material storage tank of oil and chemical industries, mould for automotive tyre etc.
	5A05	Ship structure, marine facilities, transportation tanker, pressure vessel and flange wiring board etc.
	5A06	
6xxx	6061	Inner and outer siding, bed plate and board of railway carriage, industrial moulding, automation mechanical parts, testing instrument, supporting plate of electronics jig and tool, equipment parts of semi-conductor etc.
	6082	
	6063	Bed plate of commercial vehicle, roof framework, transporter and transport ship.
7xxx	7050	Radar structure parts, manufacturing structure of aircraft, other high stress structural elements which demand high strength and strong corrosion resistance etc.
	7075	Aviation, aerospace, moulding, mechanical equipment, tooling and fixture etc.
	7N01	Bed plate of high speed train and coal transportation vehicle etc.



ABOUT GBS

GBS is a specialized manufacturer in producing aluminium hard alloys and cladding materials.

GBS mainly produce aluminium alloys in 2xxx, 5xxx 6xxx and 7xxx series, including casting, extrusion and flat rolled products, which are widely applied in aerospace, railway transportation, automotive, marine and offshore engineering, building and construction, tooling, electronics and electrical industries, etc.



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