

SINOMETAL (SHANDONG)INTERNATIONAL CORPORATION

### SINOMETALINTERNATIONAL

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and the

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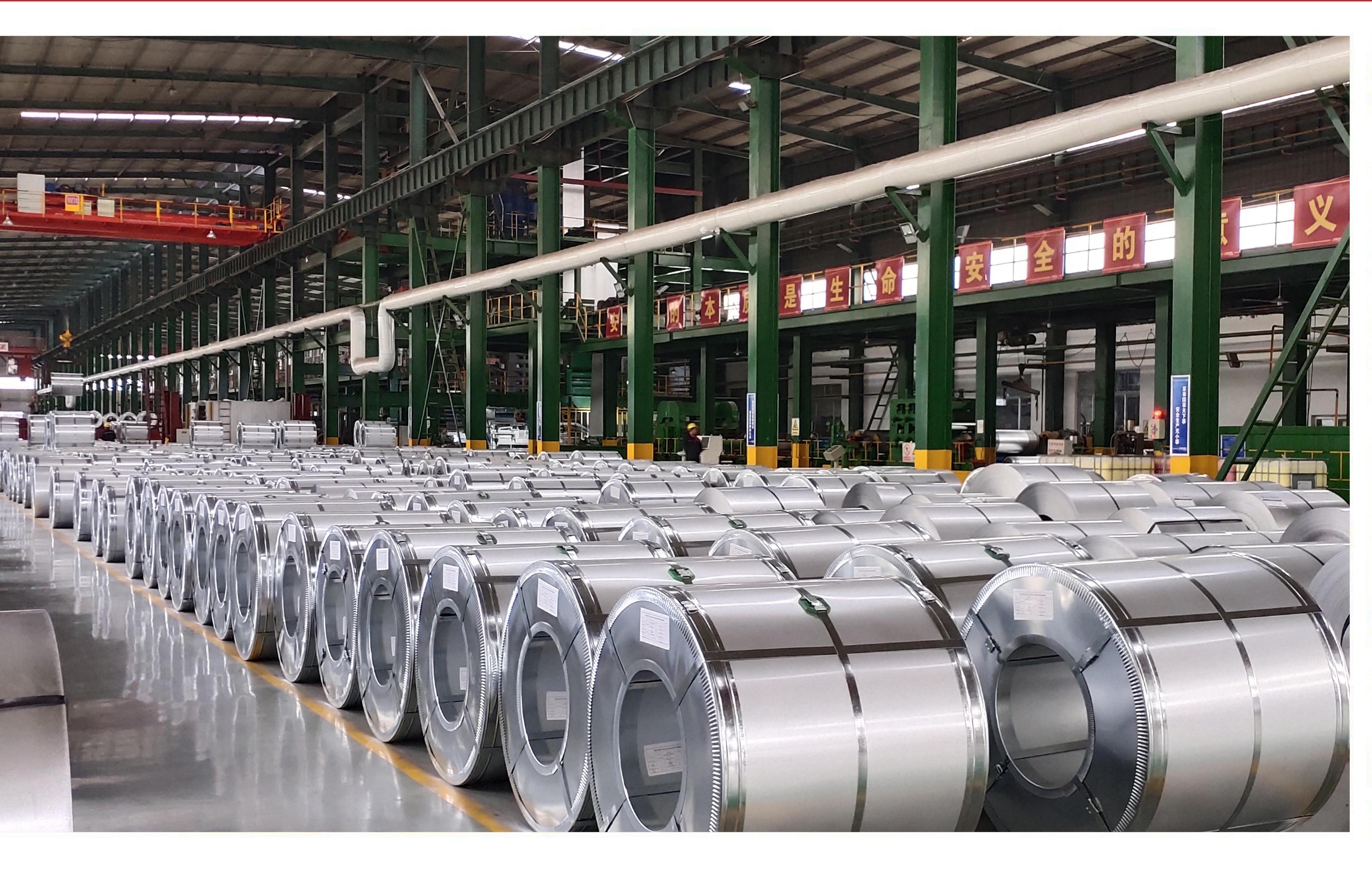
Sinometal (shandong) International company is a global integrated steel service provider integrating R&D, production and sales, with independent modern production base and advanced production management system. With "quality-based, innovation-driven" as the core, we are committed to providing high-precision, high-performance steel products and customized solutions for global customers.

The company was founded in 2003. After ten years of experience accumulation and the continuous growth of international market demand, Sinometal (shandong) International has started to serve global users since 2013. As a one-stop steel supplier, Sinometal (shandong) International has become the preferred steel supplier for tens of thousands of customers around the world with its strong supply chain network, solid professional knowledge and reliable services. Customers are spread across more than 70 countries and regions including Europe, the Middle East, South America, and Southeast Asia.

Based in Jinan, the company has successively invested in and built production lines for galvanized color coating, seamless steel pipes, cold-rolled plates and stainless steel products in China; at the same time, the company has established long-term and good cooperative relations with major domestic and international large steel mills such as Baosteel, TISCO, and Posco, providing customers with high-quality products and services more conveniently and efficiently. In addition, the company has also set up several large warehouses in major domestic ports to ensure that the goods are delivered to customers as soon as possible.

Sinometal









# STAINLESS STEEL PRODUCTION LINE

- · Stainless Steel Coil
- · Stainless Steel Plate
- · Stainless Steel Bar

- · Stainless Steel Pipe
- · Stainless Steel Channel
- Stainless Steel Angle

#### STAINLESS STEEL COIL 不锈钢卷





**Application field**: Bridge, Boiler, Shipbuilding, Armor, Automobile, Roof, Electrician, Heat exchanger, boiler components, chemical processing equipment, nuclear power generator, injection engine, refrigerant storage tank

PROJECT	SPECIFICATION
Standards	GB, AISI, ASTM, DIN, EN, JIS, SUS, etc
Grade	201, 430, 304, 304L, 316, 316L, 310S, 317, 317L, 321, 904L, 2205, 2507, 31803
Technical Treatment	Cold Rolled, Hot Rolled
Thickness	0.1mm-300mm or customized as required
Width	1000mm,1219mm, 1250mm, 1500mm, 1800mm,2000mm; Customized other width
Length	Customized as required
Surface Finish	BA, 2B, 2D, 4K, 6K, 8K, NO.4, HL, SB, Embossed

### STAINLESS STEEL PLATE 不锈钢板





**Application field**: Bridge, Boiler, Shipbuilding, Armor, Automobile, Roof, Electrician, Heat exchanger, boiler components, chemical processing equipment, nuclear power generator, injection engine, refrigerant storage tank

PROJECT	SPECIFICATION
Standards	GB, AISI, ASTM, DIN, EN, JIS, SUS, etc
Grade	201, 430, 304, 304L, 316, 316L, 310S, 317, 317L, 321, 904L, 2205, 2507, 31803
Technical Treatment	Cold Rolled, Hot Rolled
Thickness	Hot Rolled: 3.0mm - 300mm; Cold Rolled: 0.1mm - 3mm
Width	1000mm,1219mm, 1250mm, 1500mm, 1800mm,2000mm Customized other width
Length	1000-6000mm(Customized sizes are accepted)
Surface Finish	2B, 2D, BA, NO.1, NO.4, NO.8, 8K, Mirror, Checkered, Embossed, Hairline, Sandblast, Etching, etc

#### STAINLESS STEEL PIPE 不锈钢管





**Application field**: Bridge, Boiler, Shipbuilding, Armor, Automobile, Roof, Electrician, Heat exchanger, boiler components, chemical processing equipment, nuclear power generator, injection engine, refrigerant storage tank

PROJECT	SPECIFICATION
Standards	GB, AISI, ASTM, DIN, EN, JIS, SUS, etc
Grade	201, 430, 304, 304L, 316, 316L, 310S, 317, 317L, 321, 904L, 2205, 2507, 31803
Technical Treatment	Cold Rolled, Hot Rolled
Surface Finish	Polishing, Hairline, Mirror, Pickling, Bright
Wall Thickness	1mm-150mm(SCH10-XXS)
Outer Diameter	6mm-2500mm (3/8"-100")

#### STAINLESS STEEL BAR 不锈钢棒





**Application field**: Bridge, Boiler, Shipbuilding, Armor, Automobile, Roof, Electrician, Heat exchanger, boiler components, chemical processing equipment, nuclear power generator, injection engine, refrigerant storage tank

PROJECT	SPECIFICATION
Standards	GB, AISI, ASTM, DIN, EN, JIS, SUS, etc
Grade	201, 430, 304, 304L, 316, 316L, 310S, 317, 317L, 321, 904L, 2205, 2507, 31803
Technical Treatment	Cold Rolled, Hot Rolled
Shape	Round, Square, Flat, Hexagonal
Size	Customized
Length	2~6m or customized as required
Surface Finish	Primary, Bright Polished

### STAINLESS STEEL CHANNEL 不锈钢槽钢





**Application field**: Bridge, Boiler, Shipbuilding, Armor, Automobile, Roof, Electrician, Heat exchanger, boiler components, chemical processing equipment, nuclear power generator, injection engine, refrigerant storage tank

PROJECT	SPECIFICATION
Standards	GB, AISI, ASTM, DIN, EN, JIS, SUS, etc
Grade	201, 430, 304, 304L, 316, 316L, 310S, 317, 317L, 321, 904L, 2205, 2507, 31803
Technical Treatment	Hot rolled, Cold rolled
Thickness	1.5mm-25mm
Width	37mm-88mm or as customized as required
Length	1000mm-12000mm or customized as required
Surface Finish	Black, galvanized, coated, painted, or customized as required

#### STAINLESS STEEL ANGLE 不锈钢角钢





**Application field**: Bridge, Boiler, Shipbuilding, Armor, Automobile, Roof, Electrician, Heat exchanger, boiler components, chemical processing equipment, nuclear power generator, injection engine, refrigerant storage tank

PROJECT	SPECIFICATION
Standards	GB, AISI, ASTM, DIN, EN, JIS, SUS, etc
Grade	201, 430, 304, 304L, 316, 316L, 310S, 317, 317L, 321, 904L, 2205, 2507, 31803
Size	As customer requests
Shape	Equal and unequal angle
Width	25mm*25mm-200mm*125mm 50mm*37mm-400mm*104mm or customized as required









# CARBON STEEL PRODUCTION LINE

- · Galvanized Steel Coil/GI Coil
- · Galvalume steel coil/GL Coil
- Galvanized Steel Sheet
- · Galvanized Steel Pipe

- · PPGI/PPGL Coils
- · Corrugated Roof Sheet
- · Hot Rolled Steel Coils
- · Cold Rolled Steel Coils

# GALVANIZED STEEL COIL/GI COIL





Application field: Construction, light industry, automobile, agriculture, animal husbandry, fishery and commercial industries.









Small Spangle Regular Spangle Big Spangle

ASTM A653M,JIS G3302,EN10346  DX51D, DX52D, DX53D, DX54D, S250GD, S280GD, S320GD, S350GD, S550GD, SGCC,SGCD1  Z30-Z350
S350GD, S550GD, SGCC,SGCD1
730-7350
0.12-6.5mm
750 762 900 914 925 1000 1200 1219 1250mm or as customer's request
Regular Spangle, minimum Spangle or Large Spangle, Zero Spangle
Chromated,Passivation,oiled/ non-oiled, AFP
Softy, half hard and full hard quality

# GALVALUME STEEL COIL/GL COIL



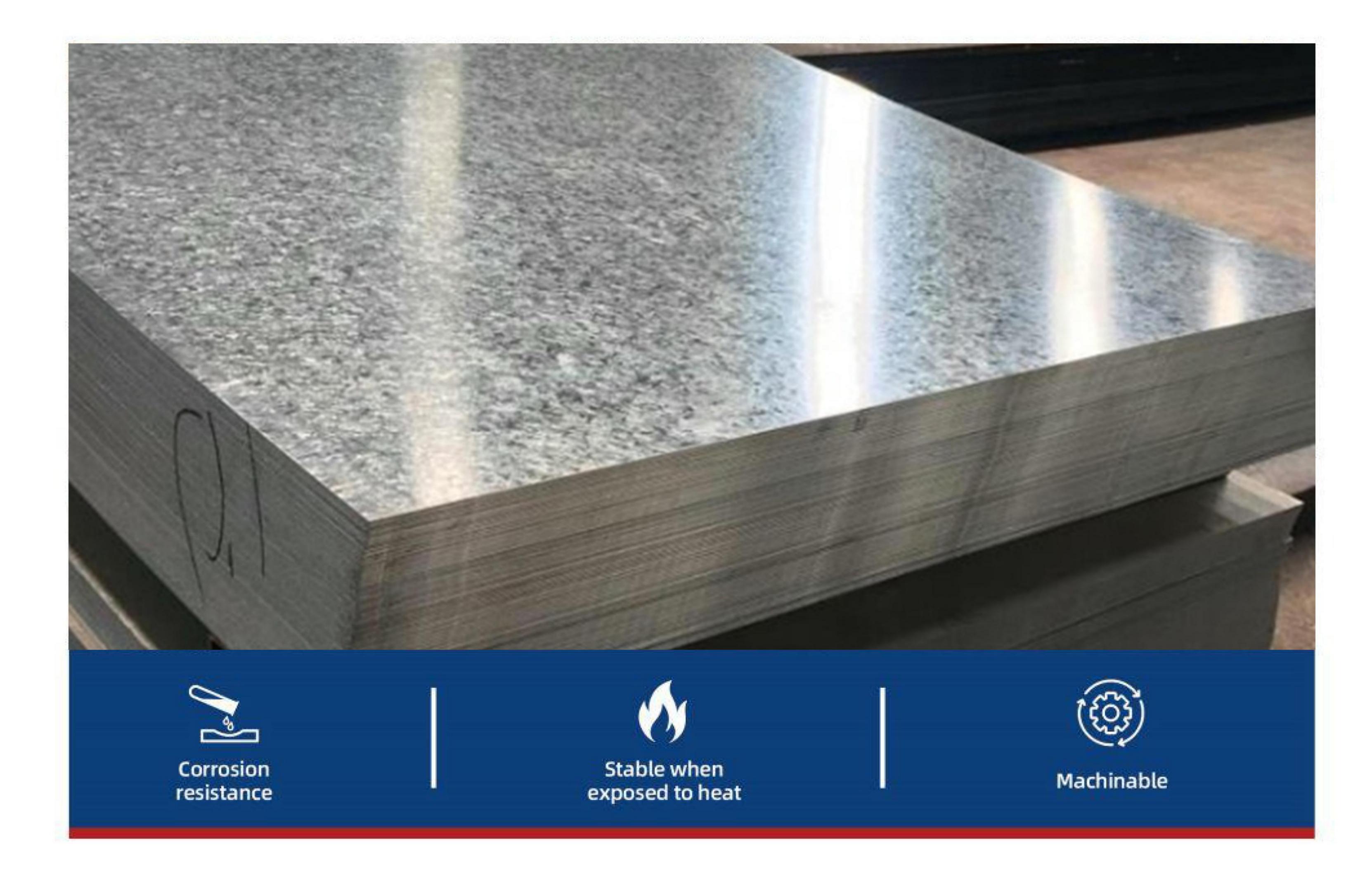


Application field: Construction, light industry, automobile, agriculture, animal husbandry, fishery and commercial industries. Building roof panels, roof grilles, housing for household appliances, kitchen utensils, food storage and transportation, frozen processing utensils for meat and aquatic products

PROJECT	SPECIFICATION
Standard	ASTM A792M,EN10215,JIS G3321
Material	DX51D, DX52D, DX53D, DX54D, S250GD, S280GD, S320GD, S350GD, S550GD, SGLCC,SGLCD
Zinc Coating	AZ30-AZ350
Thickness	0.12-6.5mm
Width	750 762 900 914 925 1000 1200 1219 1250mm or as customer's request
Spangle	Regular Spangle, minimum Spangle or Large Spangle, Zero Spangle
Surface treatment	Chromated,Passivation,oiled/ non-oiled, AFP
Hardness	Softy, half hard full hard quality

#### GALVANIZED STEEL SHEET 镀锌板





**Application field**: Construction, light industry, automobile, agriculture, animal husbandry, fishery and commercial industries. Building roof panels, roof grilles, housing for household appliances, kitchen utensils, food storage and transportation, frozen processing utensils for meat and aquatic products

PROJECT	SPECIFICATION
Standard	ASTM A653M,JIS G3302,EN10346
Material	DX51D, DX52D, DX53D, DX54D, S250GD, S280GD, S320GD, S350GD, S550GD, SGCC,SGCD1
Zinc Coating	Z30-Z350
Thickness	0.12-6.5mm
Width	750 762 900 914 925 1000 1200 1219 1250mm or as customer's request
Spangle	Regular Spangle, minimum Spangle or Large Spangle, Zero Spangle
Surface treatment	Chromated,Passivation,oiled/ non-oiled, AFP
Hardness	Softy, half hard and full hard quality
Width Spangle Surface treatment Hardness	or as customer's request  Regular Spangle, minimum Spangle or Large Spangle, Zero Spangle, Chromated, Passivation, oiled/non-oiled, AFP

#### GALVANIZED STEEL PIPE 镀锌管





**Application field**: Construction, light industry, automobile, agriculture, animal husbandry, fishery and commercial industries. Building roof panels, roof grilles, housing for household appliances, kitchen utensils, food storage and transportation, frozen processing utensils for meat and aquatic products

PROJECT	SPECIFICATION
Standards	JIS G3302, ASTM A653M, EN10327, DIN 17162, EN 10142, EN 10147, EN 10292, JIS G3302
Material	DX51D+Z, DX52D+Z, DX53D+Z, DX54D+Z, S220GD+Z, DX51D+Z/SGCC/A653, etc
Zinc Coating	20-600g/m²
Outer Diameter	6-2500mm(3/8"-100") or customized as required
Wall Thickness	1mm-150mm(SCH10-XXS) or customized as required

#### PPGI/PPGL COILS

#### 彩涂卷



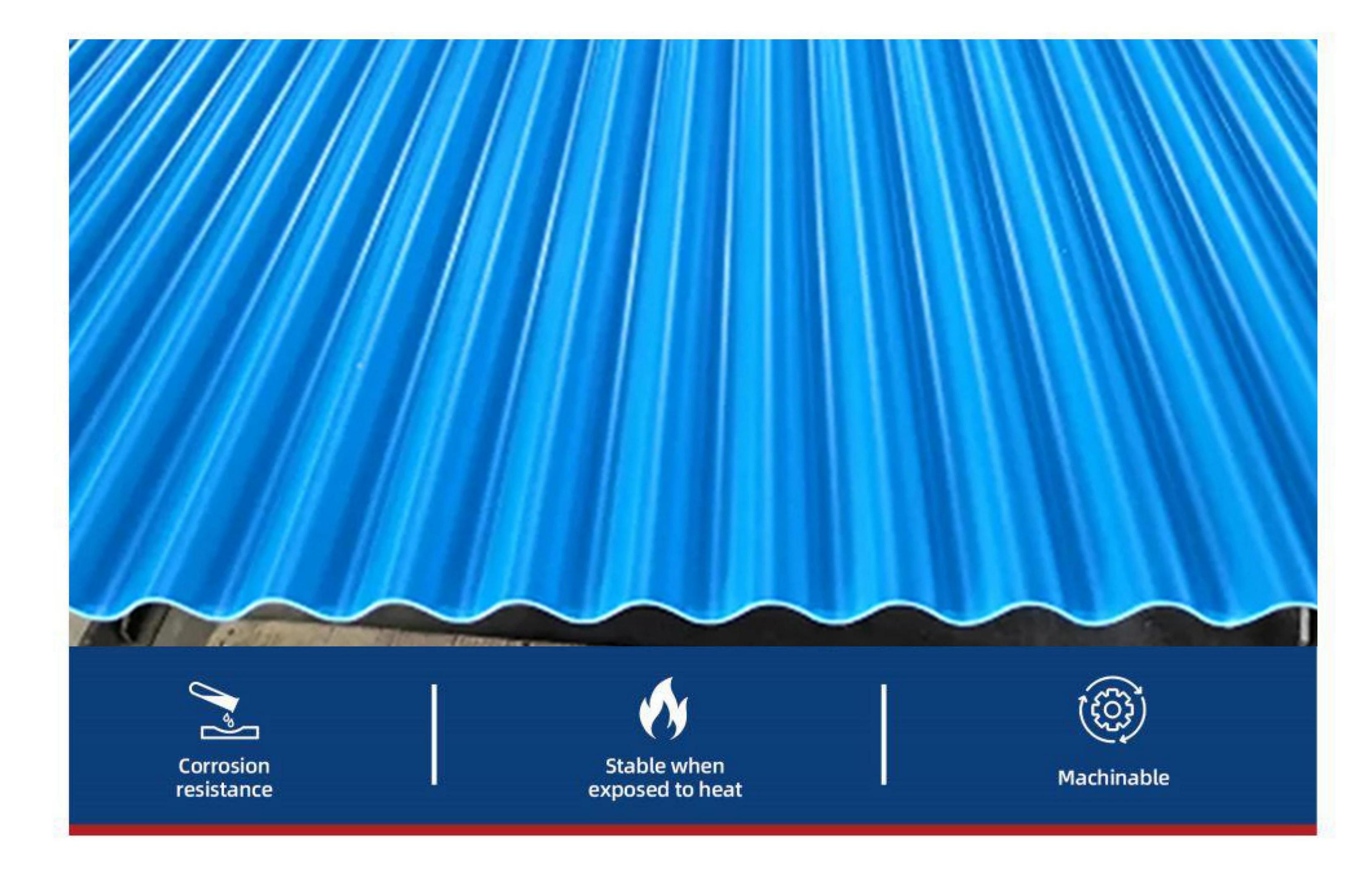


**Application field**: In the construction industry, roof, roof structure, rolling shutter doors, kiosks, furniture industry, and color roll is widely used in large-span factory buildings, warehouses, office buildings, villas, roof layer, air purification room, cold storage, shops, kiosks and temporary housing.

PROJECT	SPECIFICATION
Standard	ASTM A653M,JIS G3302,EN10346, ASTM A792M,EN10215,JIS G3321
Material	DX51D+Z, DX52D+Z, DX53D+Z,SGCC,SGCD,SGCE,DX51D+AZ, DX52D+AZ, DX53D+AZ,DX54D+AZ,SGLCC,SGLCD, etc.
Zinc Coating	Z30-Z350 or AZ30-AZ350
Painting Film	Top side10-25 micron(Normal:10-12mic) Back side: 5-12 micron(Normal:5-7mic)
Thickness	0.12-1.5mm
Width	1000 1200 1219 1250mm or as customer's request
Color	RAL Color or as customer's request

#### COLOUR COATED TILE 彩涂瓦





**Application field**: In the construction industry, roof, roof structure, rolling shutter doors, kiosks, furniture industry, and color roll is widely used in large-span factory buildings, warehouses, office buildings, villas, roof layer, air purification room, cold storage, shops, kiosks and temporary housing.

PROJECT	SPECIFICATION
Standard	ASTM A653M,JIS G3302,EN10346
Material	DX51D+Z, DX52D+Z, DX53D+Z,SGCC,SGCD,SGCE,DX51D+AZ, DX52D+AZ, DX53D+AZ,DX54D+AZ,SGLCC,SGLCD, etc.
Zinc Coating	Z30-Z350 or AZ30-AZ350
Painting Film	Top side10-25 micron(Normal:10-12mic) Back side: 5-12 micron(Normal:5-7mic)
Thickness	0.12-1.5mm
Width	1000 1200 1219 1250mm or as customer's request
Color	RAL Color or as customer's request

#### HOT ROLLED STEEL/CARBON STEE 热轧卷/碳钢卷





**Application field**: High strength, good toughness, easy to process and form and good weldability. It is widely used in shipbuilding, automobile, bridge, construction, machinery, pressure vessel and other manufacturing industries.

PROJECT	SPECIFICATION
Standard	ASTM A36, ASTMA53, ASTM A573, ASTM A283, GB/T 700-2006, GB/T 711-2008, JIS G3101, JIS G3131, JIS G3016
Material	A36, SPHC, Q195B, Q235B, Q345B, Q345R, S235JR, S355JR, SS400, etc.
Thickness	2.5-300mm
Width	1000mm, 1200mm, 1220mm, 1250mm, 1500mm, 1800mm, 2000mm, 2500mm or as customer requests
Length	2000mm, 2440mm,2500mm, 3000mm,6000mm or as customer requests
Surface Treatment	Black, Galvanized, Coated, Oiled, Painting, etc.

### COLD ROLLED STEEL/CARBON STEEL 冷轧卷/碳钢卷





**Application field**: Mainly used in automobile manufacturing, printed drum, construction, building materials, bicycle and other industries, electrical products, rolling stock, aviation, precision instruments, food cans and so on.

PROJECT	SPECIFICATION
Standard	JIS G3141, EN 10152, Q/SGZGS 0326-2020, GB/T3280-2009, etc.
Material	Q195B, Q235B, 08AL, SPCC, SPCD, ST12, ST13, ST14, ST15, DC01, DC02, DC06, etc.
Thickness	0.1-8.0mm
Width	1000mm, 1200mm, 1220mm, 1250mm, 1500mm, 1800mm, 2000mm, 2500mm or as customer requests
Length	2000mm, 2440mm, 2500mm, 3000mm,6000mm or as customer requests
Surface Treatment	Slight Oiled, Soft,Half Soft, etc.

#### TINPLATE COIL 马口铁养



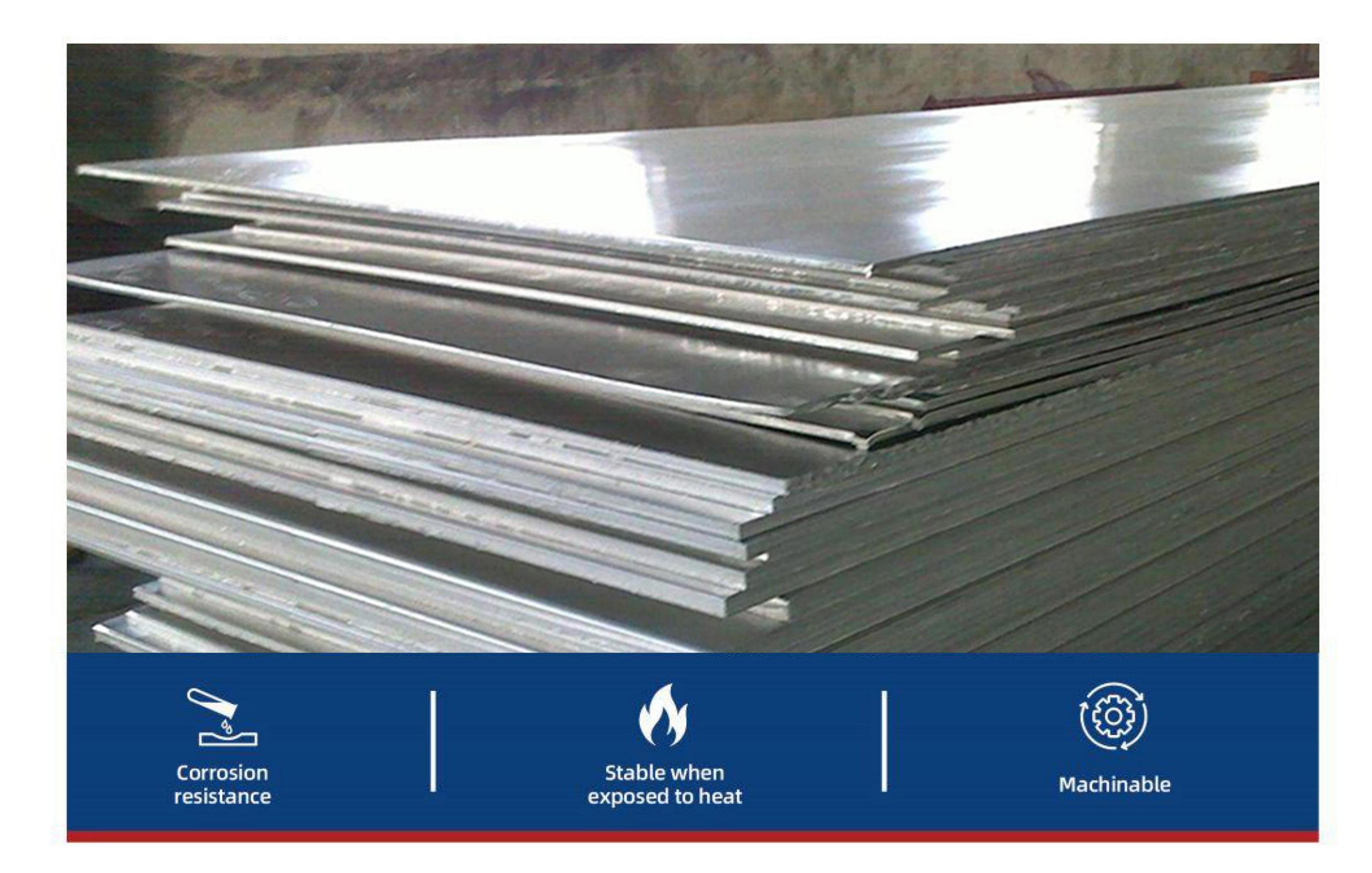


**Application field**: The application of tinplate is very wide, from as food and beverage packaging materials to grease cans, chemical cans and other miscellaneous cans, the advantages and characteristics of tinplate to provide content in the physical and chemical properties of good protection.

PROJECT	SPECIFICATION
Certification	SGS, ISO, ROHS
Material Grade	SPCC, MR
Temper(BA&CA)	T1, T2, T3, T4, T5, DR8, DR9
Tin Coating	1.1~11.2g/m²
Thickness	0.15~0.70mm (Tolerance: ±0.01 mm)
The Coil's Inside Diameter	420 / 508mm
Coil Weight	1~3 MT
Surface Finish	Bright, Stone, Silver, Matte, Gold Lacquered

## TINPLATE PLATE 马口铁板





**Application field**: The application of tinplate is very wide, from as food and beverage packaging materials to grease cans, chemical cans and other miscellaneous cans, the advantages and characteristics of tinplate to provide content in the physical and chemical properties of good protection.

PROJECT	SPECIFICATION
Material Grade	SPCC, MR
Temper(BA&CA)	T1, T2, T3, T4, T5, DR8, DR9
Tin Coating	1.1~11.2g/m²
Thickness	0.15~3mm (Tolerance: ±0.01 mm)
Width	1000-4000mm, etc
Length	2000mm, 2438mm, 3000mm, 3500mm, 6000mm, 12000mm, or rolled, etc
Surface Finish	Bright, Stone, Silver, Matte, Gold Lacquered

#### SEAMLESS TUBE 无缝管





Oil and gas exploration and development, chemical industry, power industry, shipbuilding industry, automobile manufacturing, machinery manufacturing, geological drilling, boiler manufacturing, fluid transportation, etc

PROJECT	SPECIFICATION
Thickness	0.25-75mm
Length	12M, 6m, 6.4M, 3m, 2m
Processing Service	Punching, Pickling, Rolling
Wall Thickness	4-130mm.0.25-30mm
Tensil strength	1370mpa- 1770mpa
Grade	10#,15#,20#,20Cr,40Cr,20CrMo,35CrMo

#### ROUND STEEL 圆钢





Applied in the fields of construction engineering, automobile manufacturing, mechanical manufacturing, oil and gas extraction, energy equipment manufacturing, and shipbuilding

PROJECT	SPECIFICATION
Dimensions	3.5-1200mm
Standard	AISI,ASTM,BS,DIN,GB,JIS
Model Number	Q235B Q235,SAE1018,SAE1045,20#,45# etc.
Processing Service	Bending, Welding, Decoiling, Cutting, Punching
Technique	Hot rolled, hot forged, cold drawn
Packing	Standard Seaworthy Package

#### UNIVERSAL BEAM 工字钢





Applied in the construction industry, manufacturing industry, transportation industry, energy industry, agriculture field, bridge engineering, shipbuilding industry.

PROJECT	SPECIFICATION
Length	6-12m/customized
Thickness	1.2 - 20 mm
Altitude	300mm
Processing Service	Welding, Bending, Punching, Cutting, Decoiling
Technical	Hot Rolled Beam Welding Beam
Grade	S235JR - S355J2

#### CHANNEL STEEL 槽钢





Used for various building and engineering structures, such as beams, bridges, transmission towers, lifting and transportation machinery, ships, industrial furnaces, reaction towers, container racks, and warehouse shelves.components, escalators, etc

PROJECT	SPECIFICATION
Length	Customization
Thickness	Customization
Processing Service	Bending, Welding, Decoiling, Punching, Cutting
Material	Q235/Q235B/Q345/Q345B/SS400
Standard	AISI, ASTM, BS, DIN, GB, JIS
Surface treatment	Black, galvanized,perforated

#### H-BEAM H型钢





Various civil and industrial building structures; Various large-span industrial plants and modern high-rise buildings, especially in areas with frequent seismic activity and industrial plants under high-temperature working conditions;

PROJECT	SPECIFICATION
Length	6m-12m, 3m-9m 12m or customized
Flange Width	100mm-900mm, 50mm-408mm or customized
Flange Thickness	6mm-16mm, 7mm-28mm or customized
Web Width	5mm-30mm, 100mm-700mm
Web Thickness	8mm-28mm, 4.5mm-21mm
Material	Q235B Q345B Q420C Q460C SS400 SS540 S235 S275 S355 A36 A572 G50 G60

#### ANGLE STEEL 角钢





Used for various building and engineering structures, such as beams, bridges, transmission towers, lifting and transportation machinery, ships, industrial furnaces, reaction towers, container racks, and warehouse shelves.components, escalators, etc

PROJECT	SPECIFICATION
Model Number	S235JR-S335JR Series Q195-Q235
Processing Service	Bending, Welding, Punching, Decoiling, Cutting
Length	6-12m or as your requirement
Thickness	3~24mm
Surface treatment	Customers's Requirements
Technique	Hot Rollled

### SQUARE STEEL 方钢





Widely used in industries such as building structures, bridges, machinery manufacturing, and vehicle manufacturing.

PROJECT	SPECIFICATION
Material	Q235/Q345/SS400/ST37-2/ST52/Q420 Q460/S235JR/S275JR/S355JR
Туре	Hot Rolled Cold Rolled
Processing Service	Bending, Welding, Decoiling, Punching, Cutting
Packing	Standard Seaworthy Package
Size	34mm - 450mm, as customer 's requirement
Surface	Bright, Black, Polished

#### FLAT STEEL 扁钢





Can be used for making hoop iron, tools, and mechanical parts, and used as building frame structural components, escalators, etc

PROJECT	SPECIFICATION
Material	Q235/Q345/SS400/ST37-2/ST52/Q420 Q460/S235JR/S275JR/S355JR
Type	Hot Rolled Cold Rolled
Processing Service	Bending, Welding, Decoiling, Punching, Cutting
Packing	Standard Seaworthy Package
Size	Requirement customization
Surface	Bright, Black, Polished

#### STEEL STRAND 钢绞线





Steel strand is a steel product made by twisting multiple steel wires together. Used for load-bearing cables, guy wires, reinforcing cores, etc,

PROJECT	SPECIFICATION
Diameter	12.7mm, 15.2mm, 9.53mm, 9.3mm, 12.5mm, 12.9mm, 15.7mm
Length	As per customer request
Steel Grade	SWRH77B SWRH82B
Material	High carbon steel wire rod
Tensil strength	1370mpa- 1770mpa
Surface treatmentindented	Indented, spiral, plain
Standard	ASTM A 421 GB T 5224 BS 5896

#### REBAR 钢角筋

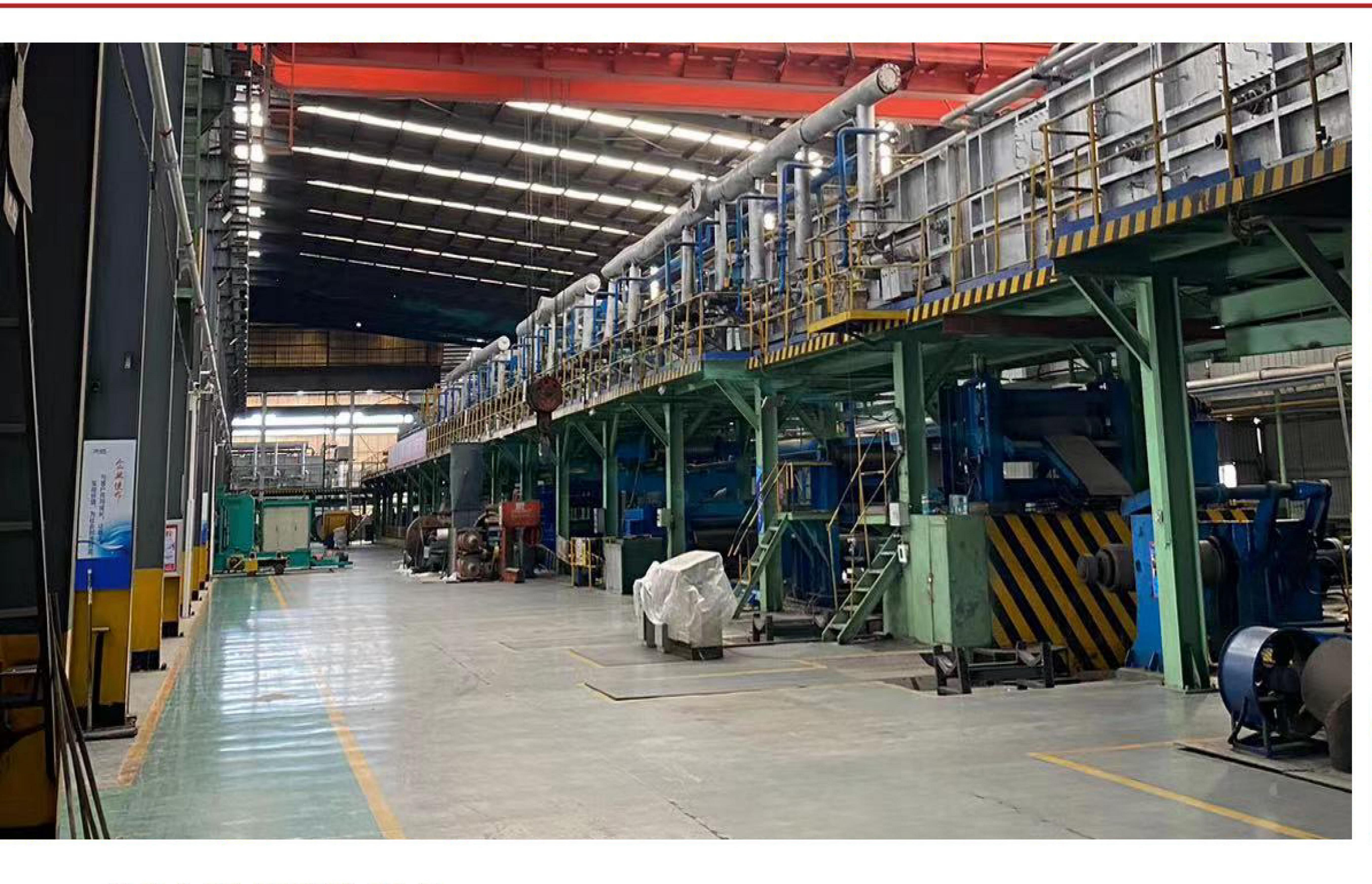




Steel bars mainly bear tensile stress in concrete. Due to the action of ribs, deformed steel bars have a greater bonding ability with concrete, and can better withstand external forces. Steel bars are widely used in various building structures. Especially for large, heavy, lightweight thin-walled and high-rise building structures.

PROJECT	SPECIFICATION
Diameter	6mm 8mm 10mm 12mm 14mm 16mm 20mm 22mm 25mm 30mm 32mm 50mm
Length	6m 12m
Standard & Grade	GB1499.2 HRB400 HRB500 HRB400E HRB500EASTM A615 Grade 60 BS4449 460B 500B 500C AS/NZS 4671 500N
Material	High carbon steel wire rod
Packing	In bundled.shipped in container or in bulk vessel if large quantity.
Surface treatmentindented	Indented,spiral ,plain









### ALUMINUM PRODUCTION LINE

- · Aluminum Coil
- · Aluminum Plate

#### ALUMINUM COIL 铝类



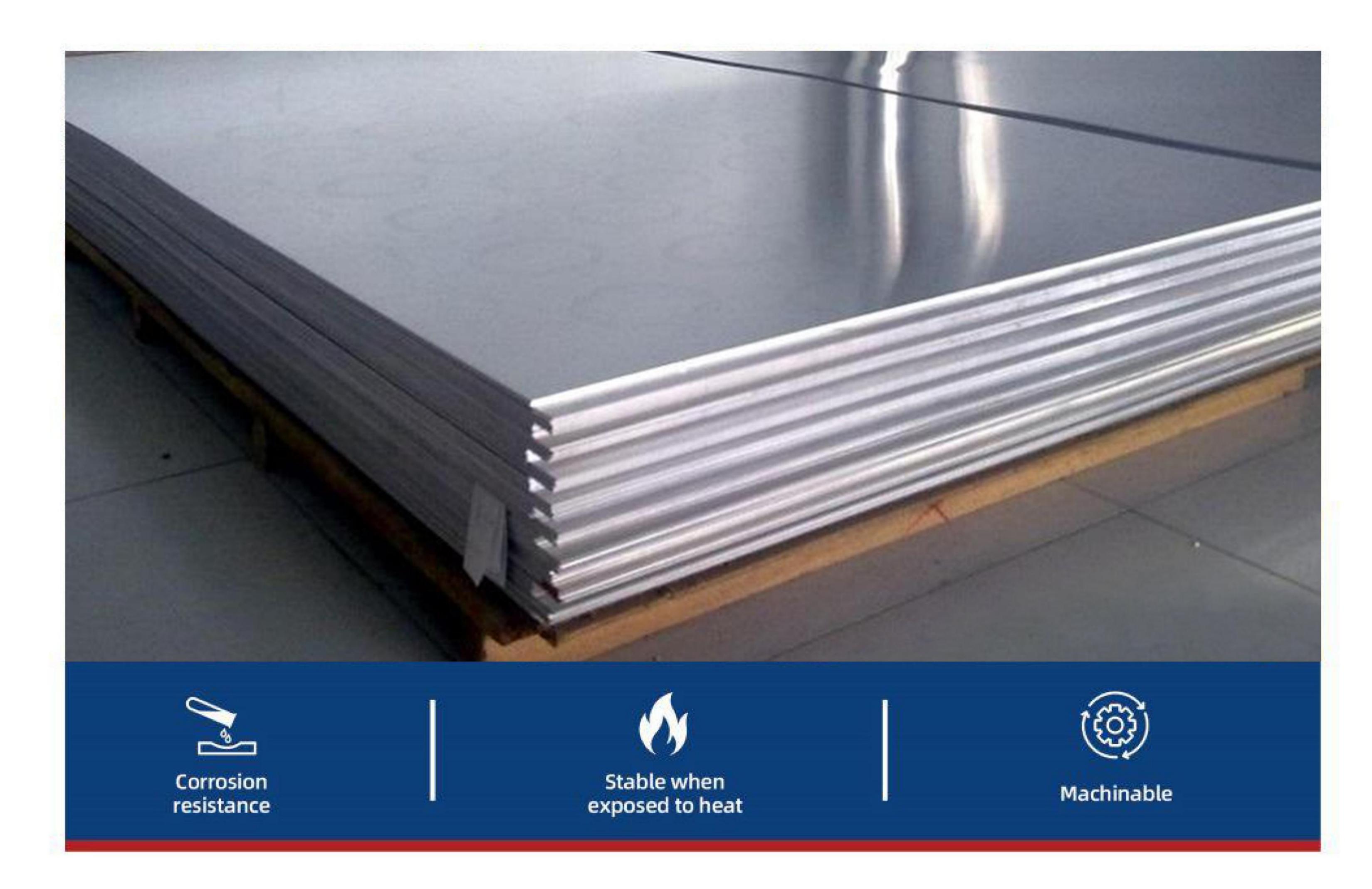


**Application field**: Construction industry, aviation and defense industry sector, power transmission, automobile manufacturing, container transportation, daily necessities, household appliances, machinery and equipment and other fields

PROJECT	SPECIFICATION
Standards	ASTM B209, JIS H4000-2006, GB/T 3190-2008, GB/T 3880-2006 etc
Grade	1050, 1060, 1070, 1100, 2024(2A12), LY12, 2A11, 3A21, 3003, 3103, 4A03, 4A11, 4032, 5052, 5083, 6063, 6061, 7075, 7050, etc
Thickness	0.03mm-300mm or customized as required
Width	3mm-2500mm or customized as required
Length	Customized as required
Temper	O, T1, T2,T3,T4,H12,H14,H26,H112, etc

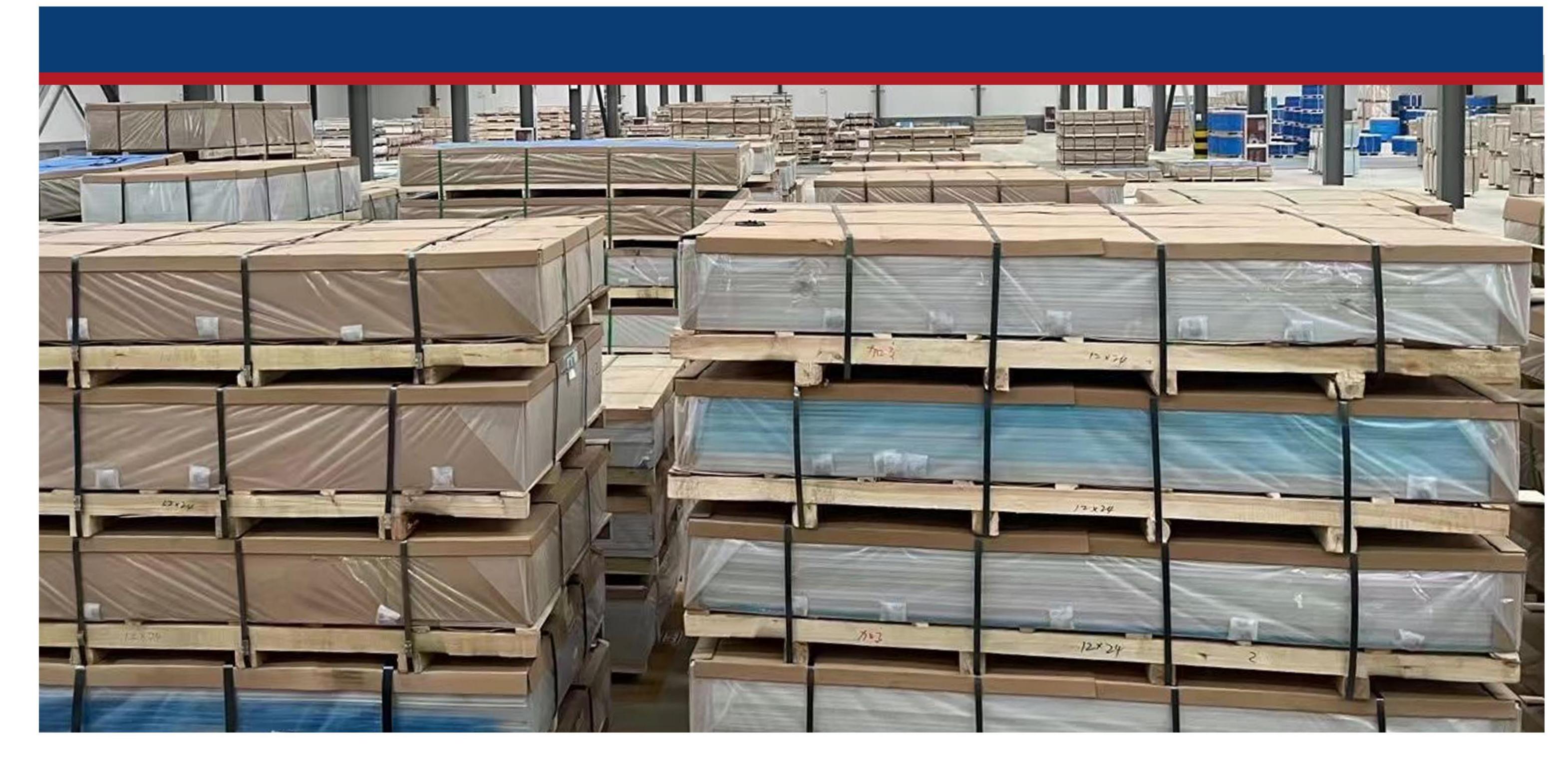
#### ALUMINUM PLATE 铝板





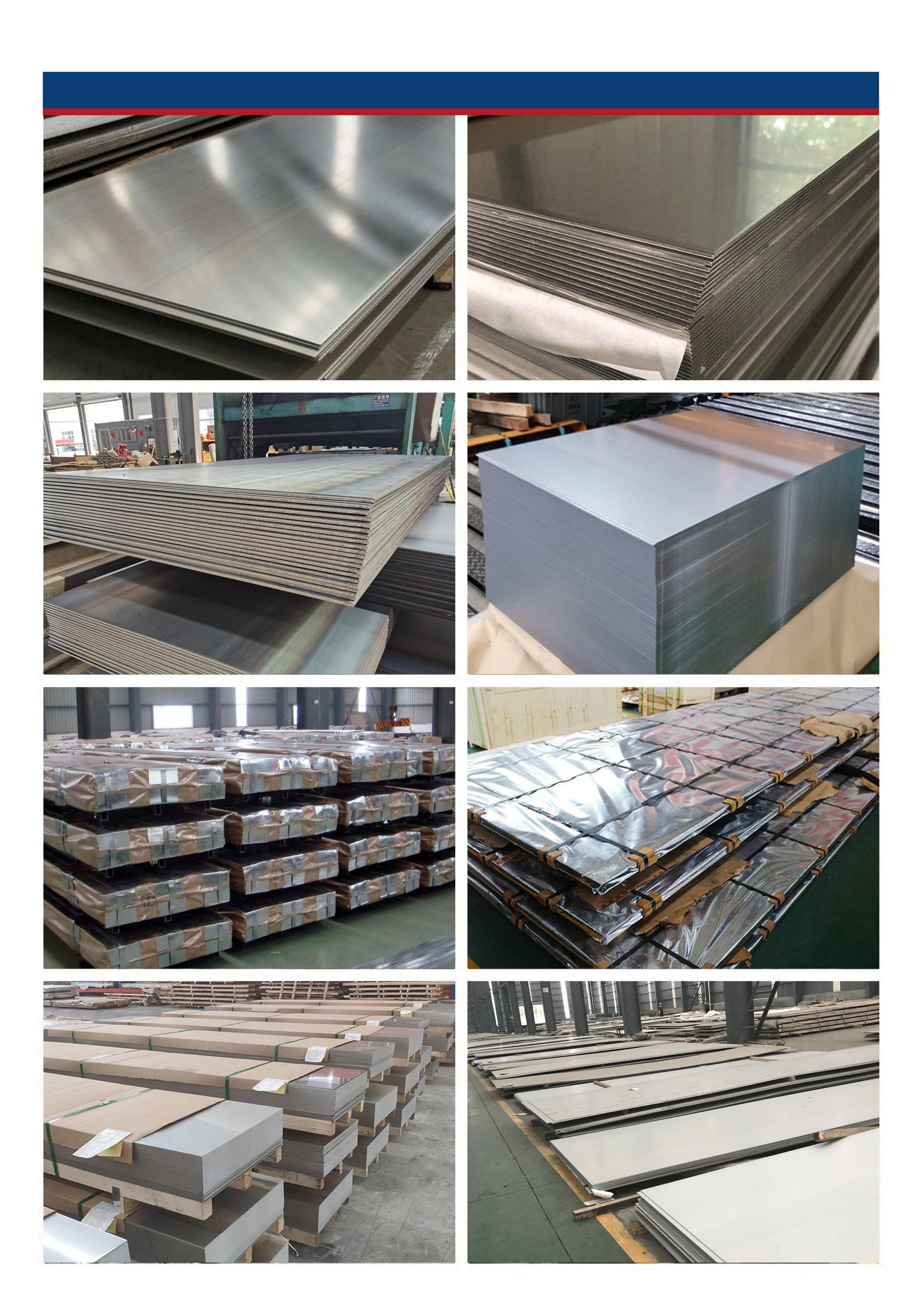
**Application field**: Construction industry, aviation and defense industry sector, power transmission, automobile manufacturing, container transportation, daily necessities, household appliances, machinery and equipment and other fields

PROJECT	SPECIFICATION
Standards	ASTM B209, JIS H4000-2006, GB/T 3190-2008, GB/T 3880-2006 etc
Grade	1050, 1060, 1070, 1100, 2024(2A12), LY12, 2A11, 3A21, 3003, 3103, 4A03, 4A11, 4032, 5052, 5083, 6063, 6061, 7075, 7050, etc
Thickness	0.2-300mm or customized as required
Width	10-3500mm or customized as required
Length	2000mm, 2440mm, 6000mm or customized as required
Temper	O, T1, T2,T3,T4,H12,H14,H26,H112, etc



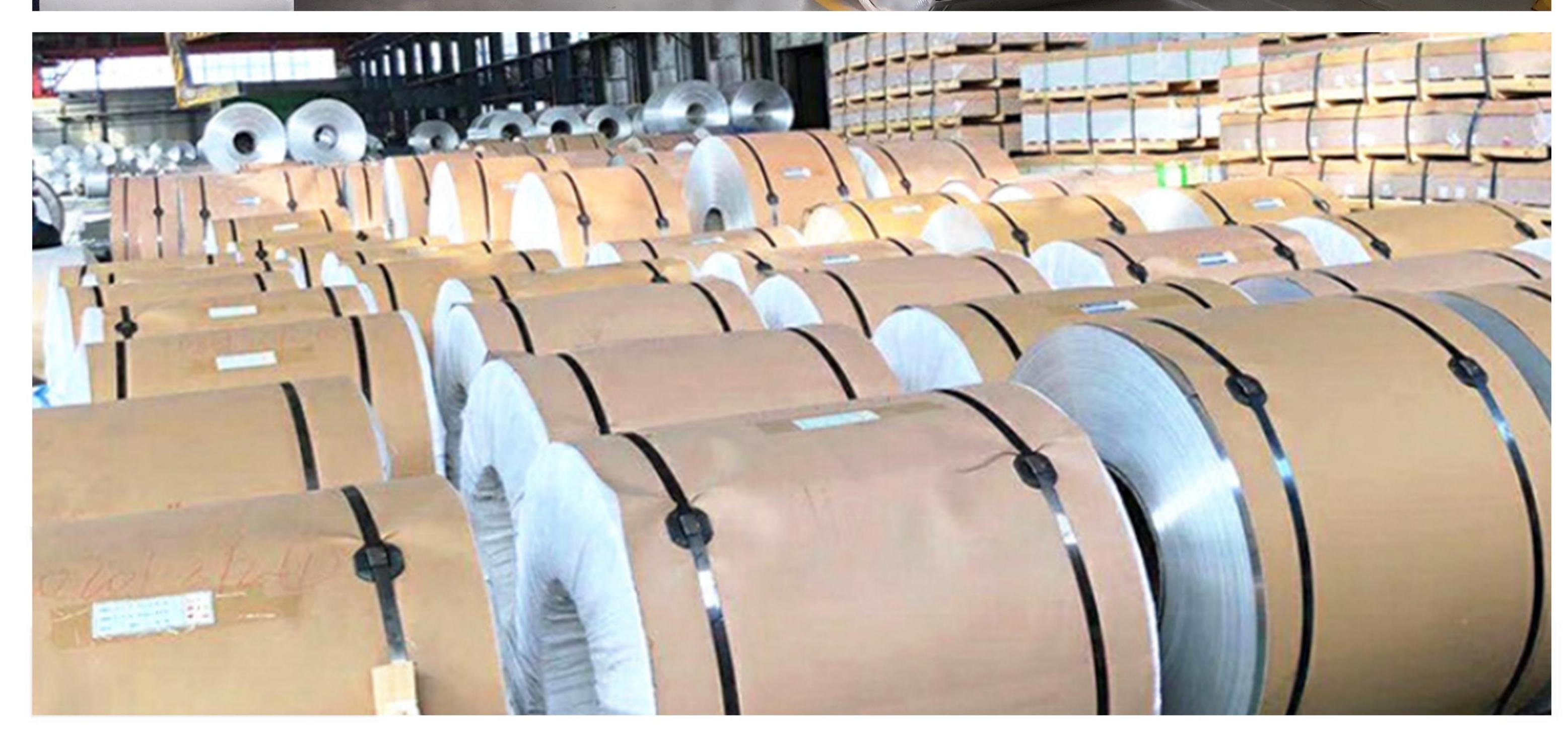












































# STAINLESS STEEL MATERIAL COMPOSITION TABLE 不锈钢各牌号成分对比表

Grade	C	Si	Mn	P	S	Ni	Cr	Мо
201	≤0.15	≤0.75	5.5-7.5	≤0.06	≤0.03	3.5-5.5	16.0-18.0	14
202	≤0.15	≤1.0	7.5-10.0	≤0.06	≤0.03	4.0-6.0	17.0-19.0	
301	≤0.15	≤1.0	≤2.0	≤0.045	≤0.03	6.0-8.0	16.0-18.0	
302	≤0.15	≤1.0	≤2.0	≤0.035	≤0.03	8.0-10.0	17.0-19.0	·*
304	≤0.08	≤1.0	≤2.0	≤0.045	≤0.03	8.0-10.5	18.0-20.0	-7
304L	≤0.03	≤1.0	≤2.0	≤0.035	≤0.03	9.0-13.0	18.0-20.0	:4
309S	≤0.08	≤1.0	≤2.0	≤0.045	≤0.03	12.0-15.0	22.0-24.0	: ##.
310S	≤0.08	≤1.5	≤2.0	≤0.035	≤0.03	19.0-22.0	24.0-26.0	
316	≤0.08	≤1.0	≤2.0	≤0.045	≤0.03	10.0-14.0	16.0-18.0	2.0-3.0
316L	≤0.03	≤1.0	≤2.0	≤0.045	≤0.03	12.0-15.0	16.0-18.0	2.0-3.0
321	≤0.08	≤1.0	≤2.0	≤0.035	≤0.03	9.0-13.0	17.0-19.0	
630	≤0.07	≤1.0	≤1.0	≤0.035	≤0.03	3.0-5.0	15.5-17.5	÷
631	≤0.09	≤1.0	≤1.0	≤0.030	≤0.035	6.50-7.75	16.0-18.0	
904L	≤2.0	≤0.045	≤1.0	≤0.035		23.0-28.0	19.0-23.0	4.0-5.0
2205	≤0.03	≤1.0	≤2.0	≤0.030	≤0.02	4.5-6.5	22.0-23.0	3.0-3.5
2507	≤0.03	≤0.8	≤1.2	≤0.035	≤0.02	6.0-8.0	24.0-26.0	3.0-5.0
2520	≤0.08	≤1.5	≤2.0	≤0.045	≤0.03	0.19-0.22	0.24-0.26	
410	≤0.15	≤1.0	≤1.0	≤0.035	≤0.03	-	11.5-13.5	
430	≤0.12	≤0.75	≤1.0	≤0.040	≤0.03	≤0.60	16.0-18.0	



### CARBON STEEL MATERIAL GRADE COMPARISOW 碳钢材质表

GB	DIN	W-Nr.	NF	ISO	JIS	SS	BS	ASTM
Q195 (A1,B1)	S185 (st33)	1.0035	S185 (A33)	HR2		-	S185 (140A10)	A285M Gr.B
Q215A	USt34-2	1.0028	A34	HR1	Q215A -	1370	040A12	A283M Gr.C
A215B (A2,C2)	RSt34-2	1.0034	A34-2NE				-	A573M Gr.58
Q235A	S235JR	1.0037	S235JR	Fe 360A	SS 400 (SS 41)	1311	S235JR	A570 Gr.A
Q235B	S235JRG1	1.0036	S235JRG1	Fe360D	-	1312	S235JRG1	A570 Gr.D
	S235JRG2		S235JRG2				S235JRG2	A283M Gr.D
Q235C	(St 37-2)	1 0000	(E24-2)				(40B,C)	
QZSSC	(USt 37-2)	1.0038	(E24-2NE)					
	(RSt 37-2)							
Q235D		71.20	2		D27	21		
(A3,C3)			-				_	_
Q255A	St44-2	1.0044	E28-2		SM400A	1412	43B	A709M Gr.36
Q255D					SM400B			
(A4,C4)			-	-	(SM 41A)	=	-	
					(SM 41B)			
Q275	S275J2G3	1.0144	S275J2G3		SS490		S275J2G3	
(C5)	S275J2G4	1.0045	S275J2G4	Fe430A	(SS50)	1430	S275J2G4	=
	(St44-3N)	1.0055					(43D)	
05F	D6-2	1.0314	-	3) <del>=</del> 3;		+	015A03	1005
08F	USt4	1.0336	=	743	S9CK	4	4	≈1008
08	3-2-3		XC6				040A04 050A04	1008
10F	UStl3		-		ুক্ত	-	7	≈1010
10	CIO	1.0301 CIO	CIO		S10C	1265	040A10	1010
10	Ck10	1.1121	XC10				045M10	1010
15	C15	1.0401	C12	1045	S15C	1350	040A15	1015
15	Ck15	1.1141	XC15			1370	080M15	1013
20	C22E Ck22	1.1151	C22E XC18	•	S20C	1435	C22E 070M20	1020
25	C25E Ck25	1.11S8	C25E XC25	C25E4	S25C	-	C25E 070M26	1025
	CKZS		ACZS				07010120	

### COMPANY CERTIFICATE







### COOPERATIVE PARTNER





























































### PACKAGING AND DELIVERY



