

Stainless Steel Sheet Datasheet

Shaanxi Jiade Group Co Ltd — alloyworld.cn

Cold rolled 0.3 to 3 mm and hot rolled 3 to 120 mm sheet and plate in 304 316L 409 and 2205 duplex, up to 2500 mm wide and 12000 mm long.

Capability

- Cold rolled 0.3 to 3 mm and hot rolled 3 to 120 mm meeting at 3 mm with no gap
- Width to 2000 mm on austenitic sheet and 2500 mm on 2205 duplex
- Length to 12000 mm or customised
- Nine finishes from No.1 hot rolled annealed and pickled to No.8 mirror
- 904L plate rolled from 0.3 mm to 350 mm for heavy acid service

Problems This Category Solves

- Panel to panel finish mismatch when grit and grain direction are not controlled
- Weld decay in heavy gauge plate that cannot be solution annealed after welding
- Excess weight when a design is driven by the low yield strength of 316L
- Extra joints forced by width and length limits

Products and Specifications

409 Stainless Steel Plate and Sheet

Grade	409
Width	500 to 2000 mm or customised
Length	1000 to 12000 mm or customised
Cold Rolled Thickness	0.3 to 3 mm
Hot Rolled Thickness	3 to 120 mm
Standard	ASTM A167, A176, A240/A240M, A263, A264, A265, A666, A480/A480M, EN 10088-2, JIS G4305
Surface Finish	2B, No.4, BA, No.1 hot rolled annealed and pickled, plus customer specific polish
Structure	Ferritic

316L Stainless Steel Sheet

Grade	316L
Width	500 to 2000 mm or customised
Length	1000 to 12000 mm or customised
Cold Rolled Thickness	0.3 to 3 mm
Hot Rolled Thickness	3 to 120 mm
Standard	ASTM A240, JIS G4304, EN 10088-2
Surface Treatment	No.1, No.4, 2B, 2D, BA, HL, No.8, mirror
Structure	Austenitic

2205 Duplex Stainless Steel Sheet

Grade	2205 duplex, UNS S32305 and S31803
Chromium	22 percent
Molybdenum	3 percent
Nickel	5 to 6 percent
Width	500 to 2500 mm
Length	1000 to 12000 mm
Cold Rolled Thickness	0.3 to 3 mm
Hot Rolled Thickness	3 to 120 mm
Standard	ASTM A240, ASTM A480, EN 10088-2
Surface Finish	No.1, No.4, 2B, 2D, BA, HL, No.8, mirror

Hairline Finish Stainless Steel Sheet

Grade	201, 304, 304L, 430
Process	Hot rolled and cold rolled
Type	Sheet, plate, coil, strip
Polish	180 to 240 grit, No.4 satin or hairline
Width	500 to 2000 mm or customised
Length	1000 to 6000 mm or customised
Cold Rolled Thickness	0.3 to 3 mm
Hot Rolled Thickness	3 to 20 mm
Standard	ASME, ASTM, EN, GB, DIN, JIS
Delivery	15 to 20 days according to order quantity
Shipping	FCL, LCL, bulk
Loading Port	Shanghai

Mirror Finish Stainless Steel Sheet

Grade	201, 304, 304L, 316, 316L, 317, 317L
Finish Standard	EN 10088-2 2P, ASTM A480/A480M No.8
Polishing	1000 grit abrasive belt then buffing
Cold Rolled Thickness	0.3 to 3 mm
Hot Rolled Thickness	3 to 20 mm
Width	Up to 2000 mm
Length	Up to 6000 mm
Standard	ASME, ASTM, EN, GB, DIN, JIS
Packing	Plastic protective film

304 304L and 304H Stainless Steel Sheet

Grade	304, 304L, 304H
Width	500 to 2000 mm
Length	1000 to 12000 mm
Cold Rolled Thickness	0.3 to 3 mm
Hot Rolled Thickness	3 to 120 mm
Surface Finish	No.1, No.4, 2B, BA, HL, No.8, satin finish
Minimum Order	1 ton per specification
Lead Time	7 days after receipt of the deposit

Shipment	LCL, FCL, bulk
Loading Port	Shanghai
Origin	China

Frequently Asked Questions

How wide can you roll stainless sheet

Up to 2000 mm on the austenitic grades and up to 2500 mm on 2205 duplex.

Which finish should I specify for architectural panels

Hairline at 180 to 240 grit hides fingerprints and handling marks. Mirror, which is EN 10088-2 2P and ASTM A480 No.8, is more reflective but shows every touch.

Do you supply plate thicker than 120 mm

Yes, on 904L, where plate is rolled from 0.3 mm up to 350 mm.

What is the minimum order for 304 sheet

1 ton per specification, shipped 7 days after receipt of the deposit.

Why is tolerance important when buying plate

The rolled thickness is often slightly under the nominal figure, because the roll deforms as it heats and the plate comes out thicker in the middle and thinner at the edges. Agree the tolerance before ordering, since negative tolerance plate is usually sold on theoretical weight.

Can you cut sheet to our size

Yes. Width and length are customised outside the standard ranges on request.