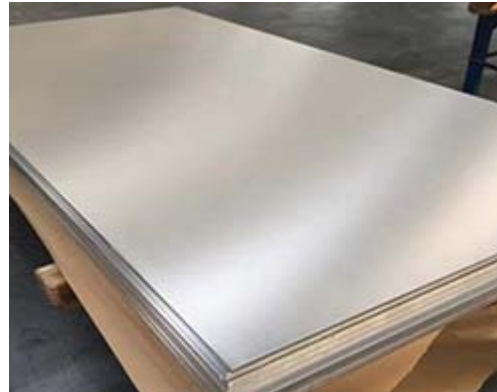


3105 Aluminum Sheet Plate

3105 aluminum plate has excellent corrosion resistance, excellent plasticity and process performance, and has excellent performance in gas cutting and arc welding. The compressive strength of 3105 aluminum plate is slightly higher than that of 3003 aluminum plate, and its other properties are similar to those of 3003 aluminum alloy profiles. 3105 aluminum plate has excellent anti-rust performance, excellent electrical conductivity, and the electrical conductivity can reach 41%. The 3105



aluminum plate has high plasticity under quenching conditions, and the plasticity is still stronger in semi-chilled hard bottoming, low plasticity, excellent corrosion resistance, excellent electric welding and poor drilling performance under cold hard bottoming.

Product Specification

Alloy	3105 Aluminum Sheet Plate
Temper	O,H12,H14,H16,H18,H19,H22,H24,H26,H28,H112,etc.
Thickness(mm)	1.0-500
Width(mm)	100-2650
Length(mm)	500-16000
Package	Export packaging (protective film, interleaved paper)
Application	Wine bottle caps, beverage bottle caps,cosmetic caps, coated rolls, etc.



Chemical Composition									
Alloy	Si	Fe	Cu	Mn	Mg	Zn	Ti	Others	Al
3105	≤0.6	≤0.7	≤0.3	0.3-0.8	0.2-0.8	≤0.40	≤0.10	≤0.15	Remainder

Mechanical Properties					
Alloy	Temper	Thickness (mm)	Tensile strength (Rm/Mpa)	Elongation (%)	Earing ratio (%)
3105	H14,H24	0.2-0.5	150-200	2	4
	H16,H26	0.2-0.5	175-225	1	4
	H18	0.2-0.5	≥195	1	4

Features

1. The deep drawing performance of the 3105 aluminum plate in the O temper is better than the deep drawing performance in the H26 temper, and the deep drawing performance of the 3105 aluminum before cryogenic treatment is better than that after 24h.
2. 3105 aluminum plate has high plasticity in the annealed state, good plasticity in semi-cold work hardening, low plasticity in cold work hardening, and poor machinability.
3. 3105 aluminum alloy has excellent weldability and is suitable for all existing welding technologies, of which arc welding is the best method.
4. The cold workability of 3105 aluminum alloy is very good even under cold tempering conditions. For all tempers, the bending radius of aluminum 3105 plate, which is no more than 1/16 inch thick, can range from 1/2 to 1.
5. 3105 Aluminum sheet has good corrosion resistance, good anodic oxidation, poor machinability, etc.
6. 3105 aluminum plate has good anti-rust performance, and it is applied to various bottle and





HENAN FLAIT ALUMINUM CO., LTD.

Flait Aluminum is committed to product R&D, production, sales and service.

Email:sales@flait-aluminum.com

Whatsapp/Mobile: 86 13203837398

can lids, which can achieve the effect of making the appearance of bottles and cans beautiful for a long time.

7. The surface quality of 3105 aluminum plate is good, no oil spots, waves, scratches, roll marks, neat trimming, no burrs.

Application

3105 aluminum plate is mainly used for bottle stoppers, beverage bottle caps, skin care product caps, etc. Industrial applications include house baffles, partitions, movable house panels, gutters and drains, plastic sheet forming components, bottle caps, and more.

The above mentioned aluminum product is produced according to national standard specifications. Please contact us for a free quote!

-----THIS IS THE END-----

