

## 3105 Aluminum Coil

3105 Aluminum coil belongs to the aluminum-manganese alloy series, which has good anti-rust performance, good electrical conductivity, and the electrical conductivity can reach 41%. 3105 aluminum coil has high plasticity in the quenching condition, and the plasticity is still stronger in the semi-chilled hard bottoming, low plasticity, excellent corrosion resistance, excellent electric welding and drilling performance in the cold hard bottoming difference. Flait Aluminum provides 3105 color



coated aluminum coils, 3105 aluminum plates for bottle caps, 3105 aluminum coil for pipes insulation, 3105 aluminum strips for cake trays, multiple tempers can be selected, sizes can be customized, factory direct supply, the price is competitive.

### Product Specification

<b>Alloy</b>	3105 Aluminum Coil
<b>Temper</b>	F,O,H12,H14,H16,H18,H19,H22,H24,H26,H28,H111,H112,etc.
<b>Thickness(mm)</b>	0.2-10
<b>Width(mm)</b>	100-2650
<b>Length(mm)</b>	C
<b>ID</b>	Ø505mm or customized
<b>Package</b>	Eye to sky or Eye to wall
<b>Application</b>	Color-coated aluminum coil substrates, lamp cap materials, shutters, bottle cap materials, cake trays, etc.



# HENAN FLAIT ALUMINUM CO., LTD.

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

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<b>Sample</b>	Available
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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	Remain

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. 3105 aluminum coil has strong tensile strength, corrosion resistance and stress corrosion cracking ability.
2. 3105 aluminum coil has strong plasticity, can be processed by hot and cold processing, and has certain brazeability.
3. 3105 aluminum coil has good anti-rust performance, which can be applied to various bottle and can caps, which can achieve the effect of making the appearance of bottles and cans beautiful for a long time.

## Application

3105 aluminum coils are mainly used for bottle stoppers, beverage bottle caps, skin care product caps, etc. Industrial applications include house baffles, partitions, movable house panels, gutters





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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!*

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