

5754 Aluminum Coil

5754 Aluminum coil is a typical alloy in the Al-Mg series alloy, magnesium alloy content is between 2.6-3.6%. It has the characteristics of medium strength, good corrosion resistance, weldability and easy processing and forming. 5754 aluminum plate is commonly used in the automobile manufacturing industry (car doors, molds, seals), tank truck industry (tanker body).



Product Specification

Alloy	5754 Aluminum Coil
Temper	F,O,H111,H12,H14,H16,H18,H22,H24, H26,H28,H32,H34,H36,H38,etc
Thickness(mm)	0.20-8.00
Width(mm)	100-2650
Length(mm)	C
ID	Ø505mm or customized
Package	Eye to sky or Eye to wall
Certificate	DNV,ABS,CCS,BV
Application	High-speed rail noise barriers,tank car body materials, alloy doors and windows, etc.
Sample	Available

Chemical Composition

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Zr	Al
5754	0.40	0.40	0.10	0.50	2.60-3.60	0.30	-	0.20	0.15	-	Remainder

Mechanical Properties

Alloy	Temper	Tensile strengthRm (Mpa)	Yield strengthRp0.2 (MPa)	Elongation A(%)	Hardness HBW α
5754	O/H111	190-240	≥80	≥12	38
	H32	220-270	≥130	≥11	-

Features

1. 5754 aluminum coil has strong welding performance, low tendency of welding cracks, high strength of weld and base metal.
2. 5754 aluminum coil is a high-strength aluminum alloy with good fatigue performance and corrosion resistance.
3. The surface quality of 5754 aluminum coil is good, smooth and free of cracks, corrosion spots and traces of nitrate salt.

Application

5754 aluminum coils are used in high-speed rail noise barriers, tank car materials, alloy doors and windows, aluminum for construction, aluminum for transportation, automotive stamping parts, aluminum for car insurance panels, etc.

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





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