



5083 Aluminum Tread Checkered Plate Sheet

The main component of [5083 aluminum tread checkered plate sheet](#) is magnesium element, the content is between 3% and 5%. Also known as aluminum-magnesium alloy. Due to its low density, it has high tensile strength and elongation. The varieties of 5083 patterned aluminum plates that Flait Aluminum can produce include diamond-shaped, two-bar, three-bar, five-bar pattern plates, etc., which are widely used in construction, vehicles, ships and other non-slip floors and decorations.



Product Specification

Alloy	1 Series	1060,1100
	3 Series	3003,3105
	5 Series	5005,5052,5251,5154,5454,5754,5083,5086
	6 Series	6061,6063,6082
Temper	O, H12, H14, H16, H18, H22, H24, H26,H32,	
	H34, H36, H38, H111, H112, H114, H224, T4, T6	
Thickness(mm)	0.8-8.0	
Width(mm)	100-1850	
Length(mm)	500-16000	
Surface	Bright finish, Mill finish	
Bar difference	1 bar (Diamond/Pointer), 2 bar, 3 bar, big/small 5 bar	
Weight	about 2.5 tons per pallet	
Standard product	EN-1386,ASTM,GBT,JIS	
Protection	Paper interlayer	





Available Dimension		
	Mill finish Surface	Bright finish Surface
Thickness (mm)	1.00-6.50mm	1.20-6.50mm
Pattern height	Sheet Thickness from 1.0mm to 2.0mm, bar height: 0.50mm	Sheet Thickness from 1.0mm to 2.0mm, bar height: 0.50mm
	Sheet Thickness from 1.0mm to 2.0mm, bar height: 1.00mm	Sheet Thickness from 1.0mm to 2.0mm, bar height: 1.00mm
	Sheet Thickness above 2.0mm, bar height: 1.50mm	Sheet Thickness above 2.0mm, bar height: 1.50mm
Width (mm)	Maximum 1500mm	Maximum 1650mm
Length (mm)	max 6000mm for sheet or as required for coil	max 6000mm for sheet or as required for coil
Paper interleaves	On request for selected	On request for selected
Normal size	1200×2400mm	1200×2400mm
	1219×2438mm	1219×2438mm
	1219×3048mm	1219×3048mm

Features

1. High tensile strength, high elongation, good corrosion resistance, and durability.
2. The surface quality is good, without oil spots, waves, scratches, roll marks, and the trimming is neat and burr-free.
3. 5083 aluminum plate products of different thicknesses and shapes can be customized according to customer needs.

Application

5083 aluminum tread checkered plate sheet is used in the carriage: the carriages loaded with goods are generally made of aluminum alloy, and the bottom plate of the carriage is mostly made of patterned aluminum plate, which has good anti-skid effect.

5083 aluminum tread checkered plate sheet is used in construction. It can be used for wall decoration. 5083 lattice aluminum plate is a common aluminum alloy, which ensures that the lattice aluminum plate for construction has high wind pressure resistance, assembly performance, corrosion resistance and decorative performance.





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

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