

Aluminum (5000 Series)

Strips



Material Designation	Chemical Composition (%)	Alloys
5000 Series	Al 95.8 - 99.4 Cu 0.10 Max Fe 0.40 Max Mg 1.2 - 4.8 Mn 0.1 Max Si 0.25 Max Zn 0.1 Max	5052 5083 5086 5454 5456 5754

Specification		Applications
Thickness	0.05 - 6 mm	Automotive Industry
Width	12 – 2200 mm	Power Plants
Length	-	Air Conditioner
Inner Daimeter	100, 200, 250, 300, 400, 500, 600 mm	Chemical Industry
Outer Daimeter	2500 mm Max.	Pressure Vessel
Tolerances	According to DIN, EN, ASME	Shipbuilding

Description

5000 series aluminium's are alloyed with magnesium. It is a readily weldable material used in a wide variety of applications including pressurised vessels, buildings and transport and automotive. Alloys containing greater than 3.0% magnesium content are not suitable for use in elevated temperature service as they are susceptible to stress corrosion cracking.

Value Proposition

- Competitive Pricing
- Flexible LME price fixation
- Product Customization
- Quality Assurance
- Committed to deliveries
- Standard export pallet packing

This data is general technical specification; Binding technical specifications will be as per agreement.