

# Aluminum (1000 Series)

## Strips



Material Designation	Chemical Composition (%)	Alloys
1000 Series	Al 99.00 - 99.99 Cu 0.05 Max Fe 0.35 Max Mg 0.03 Max Mn 0.03 Max Si 0.25 Max Zn 0.05 Max	1050 1060 1100 1145 1199 1350

Specification		Applications
Thickness	0.05 - 6 mm	Pressurised Vessels Chemical Tanks Automobile Industry Chemical Industry Packaging Construction Machinery Home Appliance
Width	12 – 2200 mm	
Length	-	
Inner Diameter	100, 200, 250, 300, 400, 500, 600 mm	
Outer Diameter	2500 mm Max.	
Tolerances	According to DIN, EN, ASME	
Elongation	0.5 - 5 %	
Tensile Strength	100 - 220 Mpa	
Yield Strength	45 - 120 Mpa	

### Description

The 1000 series represents the purest of all commercial aluminium alloys with a minimum 99% aluminium content. This series of aluminium alloys are chosen in fabrication practices primarily due to the materials corrosion resistance, this makes the alloy useful in applications such as pressurised vessels and chemical tanks. 1000 series aluminium alloys are weldable, however certain considerations should be made before welding due to the materials narrow melting range.

### 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.