

# Aluminum (3000 Series)

## Sheets



Material Designation	Chemical Composition (%)	Alloys
3000 Series	Al 96.8 - 99.0 Cu 0.05 - 0.20 Fe 0.70 Max Mg 0.8 - 1.0 Mn 1.0 - 1.5 Si 0.6 Max Zn 0.1 Max	3003 3004 3005 3103 3105

Specification		Applications
Thickness 6 - 350 mm	Elongation 5 - 25 %	Chemical, LNG Vessels
Width 450 – 3800 mm	Tensile Strength 100 - 400 Mpa	Aviation
Length 500 – 15000 mm	Yield Strength 65 - 300 Mpa	Automobile Industry
Inner Diameter -	-	Stamping Parts
Outer Diameter -	-	Ship Body
Tolerances According to DIN, EN, ASME	-	High Speed Trains

### Description

3000 series aluminium's primary alloying element is manganese. The alloys offer good corrosion resistance and moderate strength. The range of applications for the this range is diverse from domestic kitchen equipment such as pots and pans to heat exchangers used in power plants. Our range of 3000 series aluminium alloys can be used at elevated temperatures and offers good formability.

### 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.