

Aluminum (6000 Series)

Strips



| Material Designation | Chemical Composition (%) | Alloys |
|----------------------|---|--|
| 6000 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 | 6009 6010 6060 6061 6063 6082 |

| Specification | | Applications |
|-------------------|--------------------------------------|--|
| Thickness | 0.05 - 6 mm | Automotive Industry Machined Parts Electrical & Electronic parts Construction Industry Pressure Vessel Shipbuilding |
| Width | 12 – 2200 mm | |
| Length | - | |
| Inner Daimeter | 100, 200, 250, 300, 400, 500, 600 mm | |
| Outer Daimeter | 2500 mm Max. | |
| Tolerances | According to DIN, EN, ASME | |
| Elongation | 0.5 - 5 % | |
| Tensiile Strength | 100 - 220 Mpa | |
| Yield Strength | 45 - 120 Mpa | |

| Description |
|---|
| 6000 series aluminium contains added manganese and silicon. This combination of elements allows the alloy to be solution heat treated which improves the alloys strength. Used extensively in welding fabrication, the alloys are supplied in bars, sheets and extrusions. This range of aluminium alloy is incorporated in a variety of structural components. |

| Value Proposition |
|--|
| <ul style="list-style-type: none">● 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.