

Aluminum (2000 Series)

Strips



Material Designation	Chemical Composition (%)	Alloys																				
2000 Series	<table><tr><td>Al</td><td>94.5 - 98.7</td></tr><tr><td>Cu</td><td>3.9 - 5.0</td></tr><tr><td>Fe</td><td>0.7 Max</td></tr><tr><td>Mg</td><td>0.2 - 0.8</td></tr><tr><td>Mn</td><td>0.4 - 1.2</td></tr><tr><td>Si</td><td>0.5 - 1.2</td></tr><tr><td>Zn</td><td>0.25 Max</td></tr></table>	Al	94.5 - 98.7	Cu	3.9 - 5.0	Fe	0.7 Max	Mg	0.2 - 0.8	Mn	0.4 - 1.2	Si	0.5 - 1.2	Zn	0.25 Max	<table><tr><td>2011, 2014</td></tr><tr><td>2017, 2024</td></tr><tr><td>2036, 2048</td></tr><tr><td>2090, 2091</td></tr><tr><td>2099, 2124</td></tr><tr><td>2195, 2219</td></tr></table>	2011, 2014	2017, 2024	2036, 2048	2090, 2091	2099, 2124	2195, 2219
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Specification		Applications
Thickness	0.05 - 6 mm	Aerospace
Width	12 – 2200 mm	Aviation
Length	-	Tooling
Inner Diameter	100, 200, 250, 300, 400, 500, 600 mm	Automotive Components
Outer Diameter	2500 mm Max.	Machine Parts
Tolerances	According to DIN, EN, ASME	Fasteners / Fittings

Description

Copper is used as the primary alloying element in 2000 series aluminium alloys. 2000 series aluminium alloys are used in many industries including the aerospace sector. The materials are well known for their high performance and excellent strength over a broad range of temperatures. Some alloys in our range are not weldable by arc welding processes due to susceptibility 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.