

Aluminum (8000 Series)

Sheets



Material Designation	Chemical Composition (%)	Alloys																					
8000 Series	<table><tr><td>Al</td><td>95.5 - 98.5</td></tr><tr><td>Cu</td><td>0.10 Max</td></tr><tr><td>Fe</td><td>0.6 - 1.0 Max</td></tr><tr><td>Mg</td><td>0.05 Max</td></tr><tr><td>Mn</td><td>0.05 Max</td></tr><tr><td>Si</td><td>0.5 - 0.9</td></tr><tr><td>Zn</td><td>0.12 Max</td></tr></table>	Al	95.5 - 98.5	Cu	0.10 Max	Fe	0.6 - 1.0 Max	Mg	0.05 Max	Mn	0.05 Max	Si	0.5 - 0.9	Zn	0.12 Max	<table><tr><td>8001</td></tr><tr><td>8007</td></tr><tr><td>8009</td></tr><tr><td>8011</td></tr><tr><td>8024</td></tr><tr><td>8081</td></tr><tr><td>8090, 8091, 8093</td></tr></table>	8001	8007	8009	8011	8024	8081	8090, 8091, 8093
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Specification		Applications
Thickness	6 - 350 mm	Automotive Industry
Width	450 – 3800 mm	Aviation
Length	500 – 15000 mm	Ship Body
Inner Daimeter	-	Heat Echargers
Outer Daimeter	-	Power Industry
Tolerances	According to DIN, EN, ASME	Chemical, LNG Vessels

Description

8000 series are alloyed with other elements which are not covered by other series. All aluminum wrought alloys not included in other groups are located in the 8000 series. As alloying elements may act Fe, Ni, Li, Sn, Si, Ce, and all elements included in the aluminum alloys of the other groups. 8000 series has better flexibility, Electrical Conductivity, Good strength & more uniform chemical compositions.

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.