

# Aluminum (8000 Series)

## Strips



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
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																						
8001																							
8007																							
8009																							
8011																							
8024																							
8081																							
8090, 8091, 8093																							

Specification		Applications
Thickness	0.05 - 6 mm	Automotive Industry
Width	12 – 2200 mm	Aerospace Industry
Length	-	Bearings
Inner Daimeter	100, 200, 250, 300, 400, 500, 600 mm	Heat Echargers
Outer Daimeter	2500 mm Max.	Power Industry
Tolerances	According to DIN, EN, ASME	Food Industry

### 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.