

Aluminum (4000 Series)

Sheets



Material Designation	Chemical Composition (%)	Alloys																					
4000 Series	<table><tr><td>Al</td><td>94.8 - 98.6</td></tr><tr><td>Cu</td><td>0.30 Max</td></tr><tr><td>Fe</td><td>0.80 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>4.5 - 6.0</td></tr><tr><td>Zn</td><td>0.10 Max</td></tr></table>	Al	94.8 - 98.6	Cu	0.30 Max	Fe	0.80 Max	Mg	0.05 Max	Mn	0.05 Max	Si	4.5 - 6.0	Zn	0.10 Max	<table><tr><td>4004</td></tr><tr><td>4006</td></tr><tr><td>4007</td></tr><tr><td>4045</td></tr><tr><td>4047</td></tr><tr><td>4104</td></tr><tr><td>4343</td></tr></table>	4004	4006	4007	4045	4047	4104	4343
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Specification		Applications
Thickness	6 - 350 mm	Architectural Appliance Wire Industry Construction Industry Automotive Industry Radiators Heat Exchangers
Width	450 – 3800 mm	
Length	500 – 15000 mm	
Inner Diameter	-	
Outer Diameter	-	
Tolerances	According to DIN, EN, ASME	
Elongation	5 - 25 %	
Tensile Strength	100 - 400 Mpa	
Yield Strength	65 - 300 Mpa	

Description

The 4000 series of alloys contain quite high silicon contents. The alloys offer good corrosion resistance and moderate strength. They are popular for a variety of welding wire and brazing wire applications. Their uses include sheet, forgings and welding and brazing products.

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.