

# ALUMINUM



**Samuel Aerospace** is one of North America's top ten processors and distributors of metal, operating more than 40 facilities which are strategically located throughout United States and Canada.

Additional facilities maintained in the United Kingdom, Australia, Mexico and China extend our reach globally. Our strategically placed processing and service centers allow us to offer on time and JIT delivery services.



Samuel Aerospace alloys are available in a complete range of shapes and sizes to meet the diverse requirements of the commercial and defense aerospace markets. We stock one of the most extensive aluminum inventories in the industry. Our available aerospace aluminum offering includes:

- **Coil & Sheet**
- **Plate**
- **Rod & Bar**
- **Tube & Pipe**

A variety of AS, ISO and TS standards ensures conformance to customer's requirements. Primary aerospace service centers are ISO 9000 and AS9100/9120 certified.

Samuel Aerospace offers value-added quality processing services including:

- **Water-Jet Cutting**
- **Bar and Extrusion Sawing**
- **Aluminum Plate Sawing**
- **First Stage Processing**

Our pre-production processing services are all performed to stringent quality standards to your specifications, saving you time and money while ensuring the quality of your end product. We go to great heights to deliver the right product to the correct quality standards, on time, every time. Plus, we offer Stock and Release and Vendor Managed Inventory programs. These programs can help your company eliminate costly inventories and improve cash flow.

**To learn more contact your Samuel Aerospace Metals representative or call 877-565-7050.**

*Everything you need in a metals supplier...quality, reliability and availability.*



SERVING THE METAL INDUSTRY SINCE 1855

■ = Indicates Samuel Aerospace Metal

Aluminum Coil & Sheet	
Grade	
Non-Heat Treat	5052, 5083, 5086
Heat Treat	<a href="#">2014</a> , <a href="#">2124</a> , <a href="#">2024</a> , <a href="#">2219</a> , <a href="#">6061</a> , <a href="#">7050</a> , <a href="#">7075</a> , <a href="#">7175</a> , <a href="#">7475</a>
Cast	Mic-6, ATP-5
Thickness	0.0045" to 0.249"
Circle Size	Up to 24"
Width	3" to 103"
Length	96" to 144", Custom Cut to Length
Finish	<a href="#">Alclad</a> , <a href="#">Bare</a> , Tread, Painted, Anodized, Bright, Polished & other upon request

Aluminum Plate	
Grade	
Non-Heat Treat	3003, 5052, 5083, 5086
Heat Treat	<a href="#">2014</a> , <a href="#">2124</a> , <a href="#">2024</a> , <a href="#">2219</a> , <a href="#">6061</a> , <a href="#">7050</a> , <a href="#">7075</a> , <a href="#">7175</a> , <a href="#">7475</a>
Cast	Mic-6, ATP-5
Thickness	0.250" to 16"
Width	48" to 96", Custom Widths Available
Length	96" to 144", Custom Cut to Length
Finish	Mill

Aluminum Rod & Bar	
Grade	<a href="#">2014</a> , <a href="#">2017</a> , <a href="#">2024</a> , 5052, 5086, <a href="#">6061</a> , <a href="#">7075</a>
Round	Up to 21" Diameter
Square/ Hex	Up to 9"
Rectangle	Up to 24"
Length	12', 20', Custom Cut to Length
Finish	Painted, Anodized, Cold Finished

Aluminum Standard & Custom Shapes	
Grade	<a href="#">2024</a> , 3003, 3004, 5052, 5083, <a href="#">6061</a> , <a href="#">7075</a>
Shape	Angles, Channels, Tees, Zees, I-Beam, H-Beam, Custom Shapes
Circle Size	Up to 24"
Length	12', 20', Custom Cut to Length
Finish	Painted, Anodized, Structural

Aluminum Pipe & Tube	
Grade	5052, 5086, 6061, 6463, <a href="#">7075</a>
Shape	Round, Square, Rectangle
OD	Up to 15"
Wall	0.050" to 2.25"
Length	12', 20', Custom Cut to Length
Finish	Painted, Anodized, Welded, Seamless, Drawn