



Argosy International Inc

ARGOSY Aluminum Sheet and Extrusions

ARGOSY Aluminum Sheet/Coil

Argosy provides aluminum sheet/coil with A1-series alloys (A1100, A1050, A1235...), A3-series alloys (A3003/3004/3005...), A5-series alloys (A5005/5052) and A6-series alloys (A6061).

Applications

These products are widely used in air conditioning, architectural, electrical manufacturing, and transportation such as automotive, rail and marine.

Specification

Products	Alloy	Temper	Thickness (mm)	Width (mm)	Length (mm)	Standard
For Composite Panels	1100	H 18	0.03~1.00	1000~2000	Sheet/Coil	ASTM B209
	3003 5005 6061	As Required	0.3-2.0			
For PCB	1xxx	H18	0.12~0.30	600~1300	Sheet/Coil	ASTM B209
Foil	1xxx 3xxx 5xxx	As Required	0.01~0.20	Max.1370	Coil	GB/T3198
Corrosive Applications	5052	O H32 H38	0.07~2.00	950~1550	Sheet/Coil	GB/T3880
Other Industrial Applications	1xxx 3xxx 5xxx	As Required	0.20~4.00	Max1600	Sheet/Coil	ASTM B209 GB/T3880

- The tolerance on thickness below 0.5mm is within plus or minus 0.003mm
- The tolerance on thickness from 0.5mm to 1.5mm is within plus or minus 0.006mm
- The tolerance on thickness from 1.5mm to 3.0mm is within plus or minus 0.008mm
- The tolerance on thickness over 3.0mm is within plus or minus 0.010mm



* Argosy also can provide aluminum sheet/coil with PVDF, polyester and epoxy coatings on request.

ARGOSY Aluminum Profiles

ARGOSY extruded aluminum profiles can be provided in industrial aluminum sections, anode alumina sections and electrophoresis coated aluminum sections. Our extrusions are produced through the processes of smelt-casting, extruding, die casting and anodizing. All extrusions for industrial applications are produced with A6-series alloy including A6005, A6061, A6063, A6082.

Production Technology



Applications

The range of extrusion applications is nearly endless. Few applications are too big or too small. Almost any quantity may be practical if the shape fits the extrusion process.

- Architectural framing & trim
 - Conveyor rail
 - Decorative
 - Drill
 - Exercise equipment
 - Expansion joint
 - Van rack & accessory
 - Fencing
 - Roadway barrier
 - Shower door
 - Wheel chairs
 - Solar collector
- Hatch cover
 - Heavy duty tunnel lighting
 - Highway guard rail
 - Hinges
 - Housing heat sink
 - Lawn equipment
 - Lighting fixtures
 - Medical equipment
 - Motor frame
 - Furniture
 - Poster/poster/picture frames
 - Railcar components

For Additional Information

- Contact: sales@argosyinternational.com or honeycomb@argosyinternational.com
- For locations: <http://www.argosyinternational.com/worldwidelocations.htm>

