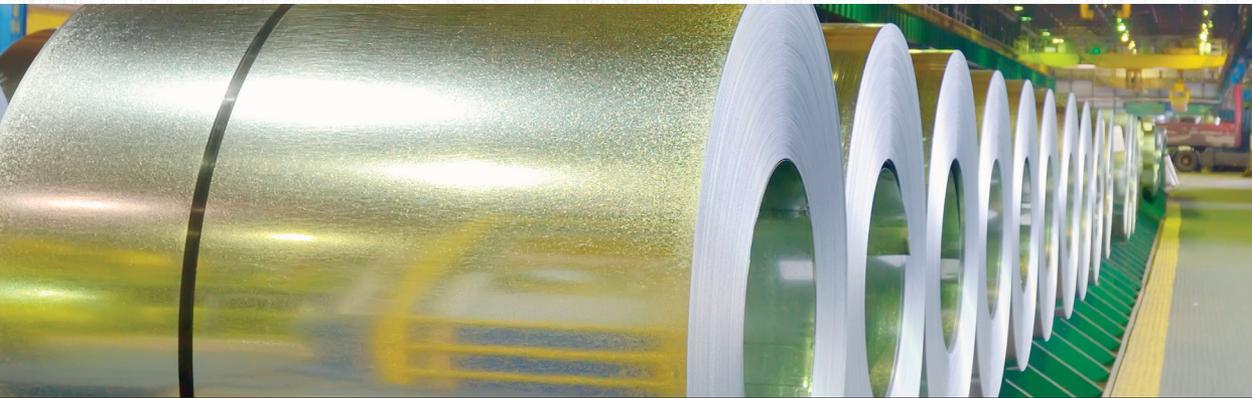


ALUMINUM COIL,
COIL ANODIZING, FINISHING & PROCESSING





World Class SAF Aluminum Coil & Coil Anodizing, Finishing & Processing

Southern Aluminum Finishing Co. (SAF) is an international distributor of aluminum coil. As a world class coil anodizer, we also provide contract (toll) aluminum coil anodizing, finishing & processing services. Our state-of-the art, highly efficient plant in Nashville, Tennessee, USA gives SAF a competitive edge across the US and in global markets.

Our Coil Anodizing customers are supported by a staff of Chemical Engineers and Chemists to ensure customer expectations are met or exceeded. We invite you to begin a dialog about how we can become your supplier of choice for aluminum coil and aluminum coil anodizing, finishing & processing.

SAF is among the most complete sources for aluminum finishing products and services in the US. For nearly 70 years, Subcontractors, Architects, Design/Build Contractors, Owners, Distributors and other Manufacturers have relied on SAF's materials expertise in: Custom Fabrication, Coils, Powder Coatings, Custom Anodizing, Paint Finishes, Prefinished Aluminum Sheet, Architectural Extrusions & Architectural Roofing Products.

SAF Coil Anodizing

SAF provides aluminum coils three ways for customers around the world:

- On a contract basis (Toll)
- Anodized aluminum coil package

Additionally, SAF offers processing services such as slitting, cut-to-length, and fabrication.

Expect technical expertise and manufacturing flexibility with your SAF coil anodizing solution.

Quality at SAF is defined as conformance to customer expectations, with primary emphasis given to reducing variation.

The path to great business practices is through mutually beneficial, cooperative relationships with customers, employees and suppliers. So, we produce products that meet and exceed industry standards, striving for a level of customer satisfaction second to none.

We strongly believe in caring for natural resources and for the safety & health of our employees.

SAF complies with all US, state and local environmental regulations.

The SAF Coil Anodizing Process

In SAF's continuous anodized aluminum coil process coils are rolled through a series of anodizing baths building a consistent anodized coating on the aluminum. SAF's continuous anodized coils are then sold to metal service centers for distribution throughout the Americas and Asia.

SAF Aluminum Coil

- 5005 alloy, temper H34, anodizing quality (AQ)
- SAF offers the lowest cost, highest value aluminum coil in the industry
- Coil width - SAF stocks 1219.2 mm (48"), and 914 mm (36") width Aluminum Coil Rolls. Other aluminum coil widths available by special order.
- Coil Aluminum thickness options - 0.81mm (0.032"), 1.0 mm (0.040"), 1.27mm, (0.050") and 1.6mm (0.063"). Other aluminum thicknesses available by special order.

SAF coil anodized sheet is tension leveled and conforms to ASTM B209 standards. Aluminum is anodized as a continuous coil in our Nashville facility. A removable plastic film is applied to the sheets when cut to length or as requested in the coil anodizing process. Typical uses include: storefront, cladding, roofing, gutters, signs, and other OEM applications

Coil Parameters for Contract Toll Coil Processing

- Anodizing, Finishing, Slitting, Embossing
- Outside Diameter (O.D.) – up to 1676 mm (66") maximum
- Weight – up to 4536 kg (10,000 lbs) maximum
- Width – up to 1244 mm (49") maximum
- Gauge – up to 1.6 mm (0.063") maximum
- Approximate lbs/ft²
 - 0.032" - 0.452
 - 0.040" - 0.564
 - 0.050" - 0.706
 - 0.063" - 0.889

SAF Coil Anodizing & Finishing Options

- Standard – Matte, Satin, Natural clear anodized, in addition to mill finishes
- 2-Step coil anodizing – Bronzes, Dark bronze, and Black
- Color dye coil anodizing
- Anodized coating thickness – up to 11 microns (0.425 mils) of anodic coating
- Coil Slitting
- Coil Embossing

Benefits of Coil Processing

Is it time for you to consider the Coil alternative to Anodized Aluminum Sheet purchases?

Lower cost - Labor to set up continuous coil anodizing is a fraction of the labor required for batch-anodizing individual pieces.

Consistency - Anodizing one coil minimizes the variables which can lead to color variation of anodized aluminum.

No hanging/racking marks - Continuous anodized aluminum coil has no rack marks. Anodizing individual parts requires clamping the aluminum to grip it for the anodizing process.

Prime applications for Coil include:

Architectural flashing & cladding

Aluminum Sign metal

Aluminum IG Spacer Bar

Refrigeration units & components

Aluminum name plates & labels



ALUMINUM COIL, COIL ANODIZING, FINISHING & PROCESSING



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National Glass Association