



Anodize Plating

Automated Finishing Technology (AFT)

Anodizing is an electrochemical process used to increase the thickness of the natural oxide layer on the surface of metal parts. The process is referred to as "anodizing" because the parts to be treated form the anode electrode of an electrical circuit. Anodic films are most commonly applied to protect aluminum alloys although other non-ferrous metals, such as magnesium, titanium, zinc, niobium and tantalum, can also be anodized.

Anodization changes the microscopic texture of the surface and changes the crystal structure of the metal near the surface. Thick coatings are normally porous, so a sealing process is often needed to achieve corrosion resistance. Anodized aluminum surfaces, for example, are harder than aluminum but have low to moderate wear resistance that can be improved with increasing thickness or by applying suitable sealing substances.



Centrally located in the Dallas/Forth Worth area, we provide service to our customers locally and throughout the United States.

Why AFT?

- High-Quality Plating
- Ability to Plate Large Pipes & Parts
- Shorter Lead Times
- Excellent Customer Service
- Competitive Prices
- Centrally Located



MIL-A-8625
Type II & III -
Most colors available

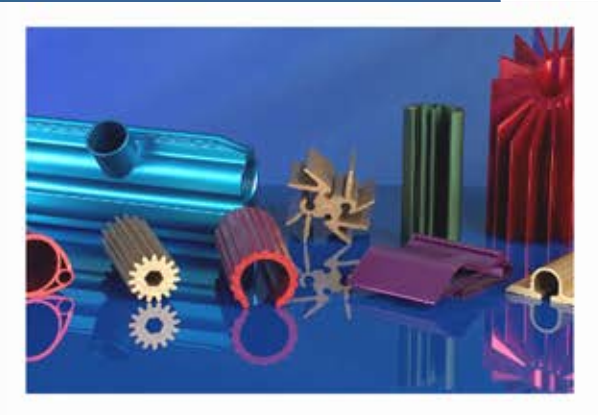
Can meet most private specifications



Customer service and quality are AFT's highest priorities. All processes are verified and guaranteed with certification sheets upon request.

Production Capacity

- High volume rack and barrel
- Parts up to 7 ft. or 84 in. in length
- Parts up to 2,000 lbs. in weight



Benefits of Anodization

- Corrosion resistance
- Wear resistance
- Incredibly hard coated surfaces
- Retains dyes and lubricants
- Environmentally safer - produces few, if any, harmful environmental effects



Common Uses

- Provides great adhesion for glues and dyes
- Used for a number of cosmetic applications - available in a variety of colors
- Prevents galling of threaded components
- Commonly used for the enhancement and protection of aluminum



AFT offers over 16 quality specified plating processes, including: silver, black oxide, zinc nickel, phosphate, tin, matte tin, and Xylan® Coatings.

Visit our website, www.AFT-Corp.com for a complete list of plating processes, or call us at **972-988-1999** to find out what AFT can do for you.