



# Zinc Plating

## Automated Finishing Technology (AFT)

Zinc plating is a soft, decorative, corrosion-resistant finish. It protects the substrate by sacrificing itself, corroding before the base metal. This means that the galvanic layer of zinc will protect even if the layer sustains minor damage, such as minor scratches and punctures.

The level of corrosion resistance of zinc plating depends on the thickness of the coating layer. To increase this corrosion resistance of zinc, a "chromate conversion" is usually added to deter the white colored oxidation products of zinc.

Zinc plated products vary from one industry to another, however, they all share zinc's durable finish, pleasant appearance, and cost-effective processing.



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



ASTM-B-633  
Zinc Types I & II - Any class  
Zinc Types I & II - Stainless Steel  
Chromates - Clear, Yellow Black & Olive Drab

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.

## RoHS Compliant

Zinc and zinc alloy plating will surely become more significant as metals, such as cadmium, are phased out due to environmental regulations. Such sacrificial metals, including zinc, have significant corrosion-resistant properties in spite of their apparent softness and propensity to scratching.



## Advantages of Zinc Plating

- Economical
- Protects even if slightly damaged on the surface
- Excellent modern substitute for less environmentally friendly cadmium coatings
- Great ductility and adhesion
- Consistent distribution
- Suitable for either rack or barrel plating



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](http://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.