



Nickel Plating

Automated Finishing Technology (AFT)

Similar to stainless steel in color, nickel can be deposited soft or hard, dull or bright, depending on the application process used. Nickel plating is often applied over copper and under cadmium for a decorative finish.

Bright nickel plating is a highly reflective finish, thus the need for polishing is often eliminated. Bright nickel is a very hard metal with relatively poor ductility. Therefore, parts should be bent into their final shape before bright nickel plating is applied, whenever possible.

Once the piece has been prepared, it is immersed into an electrolyte solution and is used as the cathode. The nickel anode is dissolved into the electrolyte in form of nickel ions. The ions travel through the solution and deposit on the cathode.



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



QQ-N-290A

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.

Benefits of Nickel

- Decorative finish (bright nickel)
- Wear resistant
- Tarnish resistant
- Good diffusion barrier
- Magnetic characteristics
- Suitable for either rack or barrel plating



Common Uses of Nickel

- Bright nickel is excellent for fasteners
- Hand tools
- Household lighting and plumbing fixtures



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.