

DEFENSE SOLUTIONS



Mission-Critical Coatings for the Battlefield, Air and Sea

Anoplate is an integral partner in the supply chain for the defense industry. You can find Anoplate coatings on the battlefield, in the air and on the sea. As a partner in your design process, we can deliver solutions for complex components that often require detailed masking procedures and advanced surface coating techniques.

Experience and Performance; Since 1960

Coatings supplied by Anoplate for preventing corrosion, minimizing light reflection, reducing friction and improving wear resistance are found extensively on a variety of components. We serve a wide range of suppliers throughout North America that produce complex, mission-critical products and systems including:

- Fixed-Wing & Rotary Military Aircraft
- Missile Systems
- Weapon Components & Sights
- Ground Combat Vehicles
- Naval & Shipboard Systems
- Radar & Sonar Systems
- Night Vision & Thermal Imaging Devices
- Military & Aerospace Electronics
- Optical Components



Cutting-Edge Processes

Military applications demand the highest quality precision parts. And precision parts require superior, defect-free surface finishes. Our technical staff can help you solve your most challenging surface finishing requirements. Anoplate offers over 90 processes, most notably:

- Electroplating: Cadmium, Chrome, Nickel, Silver, Tin, Tin/Lead, Zinc
- Anodizing:
 - *Type I (Chromic), Type IC (Boric Sulfuric), Type II (Sulfuric), and Type III (Hardcoat)*
 - *Featuring Olive Drab and Urban Grey Colors*
 - *PTFE Infiltrated Hardcoat*
- Electroless Nickel (EN) & EN with Co-deposited PTFE
- Dry Film Lubricants
- Phosphating & Black Oxide
- Featuring our Anoblack™ Family of Black Coatings

Comprehensive Solutions

Anoplate maintains special process approvals and certifications from most major defense primes including: **Lockheed Martin, Northrop Grumman, General Dynamics, Raytheon, L-3, BAE and Harris Communications** just to name a few.

ITAR

Anoplate is registered with the Department of State, Office of Defense Trade Controls Compliance. If you have critical defense-related projects that require metal finishing, you can be confident that Anoplate has the systems, policies and procedures in place necessary in handling sensitive documentation and information under ITAR requirements.



Aerospace Quality Systems
Chemical Processing

Anoplate maintains Nadcap accreditation for over 80 chemical processes. When you put your trust in us, rest assured we have the resources and processes in place to handle your critical surface engineering applications.

- Serving North America Since 1960
- Full service engineering staff providing design and application support
- Over 220 employees operating in over 104,000 square feet
- Extensive corporate approvals and certifications

Since 1960, Anoplate Corporation has provided industry-leading metal finishing services to a wide range of industries. We've developed a wealth of plating experience and know-how, and we've proven our value as a highly skilled, diversified surface finishing resource.

Markets We Serve

- Aerospace
- Medical
- Communications
- Transportation
- Defense
- Optics
- Electronics and Computer
- Precision Machining
- Manufacturing

Innovative engineering and flexible production setups allow Anoplate to offer processes that are unique and customized to your exact needs. As a partner in your design process, we understand the important aspects of surface engineering as it relates to corrosion resistance, wear resistance, reducing friction, light reflection, and joinability. Whether your plating requirements are routine or complex, require dedicated masking fixtures or multiple coatings, our Engineering and Quality staff will devise a processing strategy to ensure quality results.

Complete Range of Processes

- Anodizing
- Black Chrome
- Black Nickel
- Black Oxide
- Cadmium
- Chromating
- Chrome
- Copper
- Dry Film Lubricants
- Electroless Nickel
- Electropolishing
- EN/PTFE Coatings
- Gold
- Hardcoat Anodizing
- Magnesium Treatments
- Nickel
- Passivating
- Phosphating
- Silver
- Tin
- Tin/Lead
- Titanium Anodizing
- Vacuum Impregnation
- Zinc
- Zinc-Iron



Quality

Anoplate is committed to quality. As an ISO 9001 registered firm, we have the processes and procedures in place to assure continuous, repeatable quality. Our 220+ personnel combine decades of industrial finishing expertise. We stand behind the quality of our work which gives you peace of mind that you have selected the right vendor for your metal finishing needs.



Environment

An internationally accredited ISO 14001 firm, Anoplate is recognized as upholding the highest standards of environmental responsibility. Anoplate has made major investments in its environmental management system including RoHS, WEEE, and ELV-compliant processes free from lead, cadmium and hexavalent chromium. The company maintains control of emissions to air, land and water to comply with all regulatory requirements, and we're continually looking for new ways to minimize the impact on our fragile earth. This environmental integrity assures reliable, uninterrupted production using environmentally responsible processing.