**Military Plating Specifications**

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**The Best Customer is an Educated Customer**

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**Important Hints to Remember Before and During Design of Product**

1. Electropolishing has irregular plating distribution, be sure to make allowances for edge and corner buildup.

2. Electroplating plates uniformly within 0.00020 inch of less on all surfaces. This can be done by using the plate in contact with the plating tank, as the contact time increases at a steady rate the plates become more uniform; coverage will increase.

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4. When painting is necessary, please remember certain Military Specifications of Firing Propellant cannot be plated with 0.00020 thickness of primer and paint which does not include build-up of primer.

5. Make certain that your vehicles are covered with a protective coating of dark green or black. This will reduce the amount of time it will take to paint these vehicles.

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11. Substantial cost savings can be achieved by utilizing various metal alloys and various plating processes to substitute for using very expensive steel plates.

12. Always keep communication lines open between Machining, Fabricating, Electroplating and Painting Vendors. This will save unneeded amounts of time and money which in turn produces a timely and superior product.

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**PROCESS**

**ANODIZE/TITANIUM**

- Electrolyte plating (except free machining alloys)
- Electrolytic oxidation (except free machining alloys)

**GOLD**

- Electrolytically plated gold (except free machining alloys)
- Electroplating (except free machining alloys)

**SULFURIC ANODIZE**

- Electrolytically plated sulfuric acid anodizing (except free machining alloys)
- Electrolytic oxidation (except free machining alloys)

**BLACK OXIDE COATING**

- Black oxide coating (except free machining alloys)

**CAUDDON**

- Electrolytically plated cauaddon (except free machining alloys)

**ELECTROPOLISHING**

- Electrolytically plated electroplating (except free machining alloys)

**ADDITIONAL SPECIFICATIONS**

- Alumina
- Brass
- Bronze
- Nickel
- Stainless steel
- Tungsten

**AOTCO** offers mechanical cleaning by using glass bead or steel oxide. This process can add an increasing adherence of coatings. This process can also be used to prepare material for electroplating or other coating processes. For more information please contact us at 888-275-0880 or email us at sales@aotco.com.