



Fabrication & Value Added Services

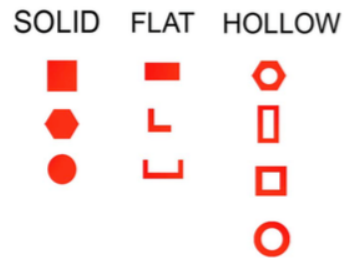
At Alyta with our integrated services we offer not only the fabrication of a component or part but also a finished part that meets your surface and finish requirements:

- * Metal Plating (Electro Plating)
 - * Zinc & Zinc Cobalt
 - * Silver
 - * Gold
 - * Electroless & Bright Nickel
 - * Bright Tin
 - * Copper
 - *
- * Metal Finishing
 - * Anodizing * Passivation
 - * Electropolishing * Black Oxide
 - * Bright Dipping * Anodic Cleaning
- * Coatings
 - * Phosphate * Xylan * Chemical Agent Resistant
 - * Marine Painting * Molybdenum Dissulfide

Sizes

- Diameters 1/8" to 12"
- Lengths up to 60 ft.
- Note: Will entertain some additional custom sizes

Shapes



Electroplating

Electroplating is a process used to coat a conductive part with a thin layer of metallic material in order to provide different chemical, physical, and mechanical characteristics to a part that it would otherwise be unable to exhibit.

An example of some properties that can be bestowed upon a part would be such things as abrasion and wear resistance, lubricity, corrosion protection, and aesthetic qualities. Types of materials that can be plated are aluminum, carbon steel, and stainless steel.

Metal Finishing

The anodizing process provides aluminum alloys with attributes that improve corrosion resistance, surface hardness, and lubrication of the part. Other characteristics that anodizing provides is the ability to dye the oxide layer of the part for identification purposes. Anodizing may also serve as a pretreatment process for painting as the oxide layer provides increased benefits for adhesion purposes.

Sulfuric Acid Anodizing Type II or Hard Anodizing Type III

Metal Coatings

Alyta can provide a number of different coating types which will decrease part corrosion as well as provide an aesthetically pleasing finish.

Some of the coatings that we offer are epoxies, zinc epoxies, polyurethanes, and fluoropolymers such as Xylan.