

Type II Anodizing Makes the Difference

Anodizing successfully combines science with nature to create one of the world's best metal finishes.

Type II Anodizing is mostly commonly based off the military specification MI-A-8625. This is the standard specification used around the world for commercially anodized aluminum in the medical, aerospace and automotive industries as well as for military and defense applications.

Anodizing is the process of electrochemically controlling, accelerating and enhancing the oxidation of an aluminum substrate. The anodizing process, because it is an integral part of the substrate, produces an oxide film that is uniform, hard and protects the rest of the aluminum substrate from deterioration - providing excellent wear and abrasion resistance with minimal maintenance in most environments. This characteristic makes anodized aluminum an excellent choice for use in high abuse applications where corrosion resistance properties are important.

Anodized aluminum resists the ravages of time, temperature, corrosion, humidity and warping, adding to it's long life cycle. Anodized aluminum is an inert material that is not combustible, 100% recyclable and poses no health risks.

The anodizing process provides an oxide layer that will improve wear resistance, hardness and corrosion resistance. The process gives the aluminum improved paint adhesion as well as electrical insulation. The corrosion resistance that it provides is excellent for all applications including marine, industrial , high humidity and even outer space.

Mounting base submerged in salt water for 6 months continuously:



Same part with salt rinsed off:

