

Type	Colors	Benefits	MIL Specification	Thickness Range
ANODIZING Type II, Classes 1&2 Conventional	Black, Purple, Red, Gold, Royal Blue, Blue A, Orange, Grey, Pink, Gunmetal Grey, Green, Citron, Teal	<ul style="list-style-type: none"> • High Corrosion Resistance • Decorative • Good Dielectric Properties • Stain Resistance • Increased Durability • Scratch Resistance 	MIL-A-8625 >336 hrs salt spray	0.0001" – 0.001" (0.0005" required to dye) 65% Penetration 35% Growth (Approximate)
HARDCOAT ANODIZING Type III, Classes 1&2 Industrial	Natural Grey Bronze and Black Custom Colors Available	<ul style="list-style-type: none"> • High Corrosion Resistance • Decorative • Excellent Dielectric Properties • Stain Resistance • Increased Durability • Scratch & Wear Resistance 	MIL-A-8625 1000-2000 hrs salt spray	0.0005" – 0.002" 50% Penetration 50% Growth (Approximate)
CHROMATE CONVERSION Type I (hexavalent chromium) Class 1A & 3 (Gold) Class 3 (Clear) Type II TCP (Trivalent Chromate, no hexavalent chromium)	Gold and Clear Light Blue Tint	<ul style="list-style-type: none"> • Corrosion Resistance • Pre-Treatment for Paint/Adhesives • Quick and Easy to Apply • Cost Effective • Electrically Conductive • TCP is WEEE and RoHS Compliant 	MIL-DTL-5541 >168 hrs salt spray	None

*Alpha Metal Finishing utilizes sulfuric acid only.

****Testing:**

- American Society for Testing and Materials (ASTM) International
- ASTM-B 117 Salt Spray (Fog) Apparatus, Operating
- ASTM-B 137 Measurement of Weight of Coating on Anodically Coated Aluminum
- ASTM-B 244 Measurement of Anodic Coatings of Aluminum and Other Non-Conductive Coatings on Non-Magnetic Base Metals With Eddy Current Instruments

Tank Dimensions: 48"(L) x 30"(W) x 44"(D)



Finish It Right From The Beginning