

Type	Colors	Benefits	Specification	Thickness Range
<b>ANODIZING*</b> Type II, Classes 1&2 Conventional	Black, Royal Blue, Red, Gold, Blue A, Purple, Gunmetal Grey, Citron, Orange, Green Other Colors Available Upon Request	<ul style="list-style-type: none"> <li>• High Corrosion Resistance</li> <li>• Decorative</li> <li>• Good Dielectric Properties</li> <li>• Increased Durability</li> <li>• Scratch Resistance</li> </ul>	<b>MIL-A-8625</b> >336 hrs salt spray	0.0001" – 0.001" (0.0005" required to dye) 65% Penetration 35% Growth (Approximate)
<b>HARDCOAT ANODIZING*</b> Type III, Classes 1&2 Industrial	Natural Grey Bronze and Black Custom Colors Available	<ul style="list-style-type: none"> <li>• High Corrosion Resistance</li> <li>• Decorative</li> <li>• Excellent Dielectric Properties</li> <li>• Increased Durability</li> <li>• Scratch &amp; Wear Resistance</li> </ul>	<b>MIL-A-8625</b> 1000-2000 hrs salt spray	0.0005" – 0.002" 50% Penetration 50% Growth (Approximate)
<b>CHROMATE CONVERSION</b> Type II, Class 1A or Class 3, TCP (Trivalent Chromate)	Light Blue Tint	<ul style="list-style-type: none"> <li>• Corrosion Resistance</li> <li>• Pre-Treatment for Paint/Adhesives</li> <li>• Quick and Easy to Apply</li> <li>• Cost Effective</li> <li>• Electrically Conductive</li> <li>• TCP is WEEE/RoHS Compliant</li> </ul>	<b>MIL-DTL-5541</b> >168 hrs salt spray	None
<b>STAINLESS STEEL PASSIVATION</b> Nitric Acid Process	Not Applicable	<ul style="list-style-type: none"> <li>• Maximizes Corrosion Resistance</li> <li>• Removes Surface Contaminants</li> </ul>	<b>ASTM A380, ASTM A967</b>	Not Applicable

\*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**