

# Stimball International 00572

## **Photo Anodized** PRODUCT LINE

#### Products



Metal Barcode Nameplates



Foil Barcode Labels



Teflon<sup>®</sup> Coated Metal **Barcode Nameplates** 

- Asset Tracking
- Work-in-Process



Tabbed Metal Barcode Nameplates



**High Temperature Metal Barcode Nameplates** 



Paint-Resist Metal **Barcode Nameplates** 

# Applications

- Tool Tracking
- Product Identification

the very best and our photo anodized metal nameplates and foil labels deliver time and time again. Photo anodized nameplates and labels are produced using a

Durable enough for the production floor, yet versatile enough

for an office setting, Metalcraft customers have come to expect

photo imaging process that seals images within the sapphirehard anodic layer of the aluminum which resists chemicals, abrasion and dirt. Unlike surface printed products, photo anodized nameplates and labels offer durability even in the most extreme environments, plus with a special intensification process, they can last outside for over 20 years.

Our standard Metal Barcode Nameplates and Foil Barcode Labels are covered under Metalcraft's exclusive Photo Anodized 5 Point Promise – making this best-selling product even more attractive to customers.

In addition to our standard photo anodized nameplates and labels, Metalcraft offers a full line of photo anodized products. All offer the same benefits - resistance to chemicals, abrasion, UV rays - and are available with or without a barcode.

#### Photo Anodized 5 Point Promise

Superior Durability: Limitless options with dependability and readability under harsh conditions for the most durable ID solutions Next Day Program: Order today. Ship tomorrow at no additional charge! Available in many of our most popular sizes. Easy Replacements: Why pay for an entire order when you only need a few replacements? Metalcraft offers this service for a low flat fee. Number History: Can't remember where your number sequence ended? We do! Metalcraft offers instant number recall with no duplicates guaranteed through our Serialization Engine so you can pick up exactly where your last order left off. The Metalcraft Guarantee: Add the intensification option to Metalcraft's Metal Barcode Nameplates and Foil Barcode Labels and we guarantee the barcode will be readable for the life of the asset or we will place it at no charge!\*

### Specifications

Product	Material	Adhesive	Lead Time
Metal Barcode Nameplates	.008" anodized aluminum (additional thicknesses available)	.0035" low surface energy pressure sensitive adhesive	5 workdays (black only) 10 workdays (color)
Tabbed Metal Barcode Nameplate	.012" anodized aluminum (additional thicknesses available)	.0035" low surface energy pressure sensitive adhesive	5 workdays (black only) 10 workdays (color)
Foil Barcode Labels	.003" anodized aluminum (.005" optional)	.002" low surface energy pressure sensitive adhesive (.0035" optional)	5 workdays (black only) 10 workdays (color)
High Temperature Metal Barcode Nameplates	.008" anodized aluminum with heat-resistant finish (additional thicknesses available)	Affix with mechanical fasteners	Contact Metalcraft
Teflon <sup>®</sup> Coated Metal Barcode Nameplates	.012" anodized aluminum (additional thicknesses available)	.0035" low surface energy pressure sensitive adhesive	20-25 workdays
Paint-Resist Metal Barcode Nameplates	.008" anodized aluminum (additional thicknesses available) with paint-resistant laminate	.0035" low surface energy pressure sensitive adhesive	15 workdays

### **Test Results**

Product Data	Value	Test Method	
Exterior Exposure	No Effect	Intensified photo anodized image exceeds 400 hr. Weatherometer est GG-P-455b, estimated equivalent to 20 yr. exposure	
Abrasion Resistance	Slight dulling of surface	Taber Abraser with CS17 wheel, a total of 1000 g load 7000 cycles	
Temperature Resistance	1,000 °F (intensified) 750 °F (non-intensified)	1 Hour of Oven Exposure (intensified and non-intensified)	
Salt Spray	No Corrosion	5% at 95°F for 700 hours	
Chemical Resistance	_	-	
MII-S-3136 111 Hydrocarbon Fluid	No Effect	1 hour immersion	
MIL-L-5161C-Turbine and jet	No Effect	1 hour immersion	
JP-4 Fuel	No Effect	72-hour immersion	
Kerosene	No Effect	12-hour immersion	
Skydrol (Hydraulic Fluid)	No Effect	24-hour immersion at both room temp and boiling point	
Methyl Ethyl Ketone (MEK)	No Effect	24-hour immersion	
Ethyl Acetate	No Effect	24-hour immersion	
Xylol	No Effect	72-hour immersion	
Heptane	No Effect	72-hour immersion	
Ethyl Alcohol	No Effect	72-hour immersion	
Ferric Chloride	No Effect	72-hour immersion	
Ammonium Hydroxide	Slight Dulling	10% solution, 16-hour immersion	
MIL-P-21563 soap solution	No Effect	16-hour immersion	
MIL-C-25179 AIN in heptane	No Effect	25% solution, 1 min. immersion (cleaning solution)	
Sulfuric Acid	No Effect	10% solution, 24-hour immersion	
Phosphoric Acid	No Effect	1% solution, 12-hour immersion	
Nitric Acid	No Effect	3% solution, 72-hour immersion	
TSP (Trisodium Phosphate)	No Effect	1% solution, 40-hour immersion	
Sodium Hydroxide	Not Recommended (surface attack)	1% solution, 1-hour immersion	





