

Just how durable are Metalcraft photo anodized nameplates and labels? The test results below speak for themselves!

Metal Tag Durability		
Chemical Resistance		
CHARACTERISTICS	TEST CONDITIONS	EFFECT
Water/Humidity		No Effect
Salt Spray	5% at 95°F, 700 hours	No Effect
Ammonium Hydroxide	2 hours at 1% 2 hours at 5%	Slight dulling of image; affects overall readability
Ethyl Alcohol		No Effect
Ethyl Acetate	24 hours	No Effect
Ferric Chloride	10%, 16 hours	No Effect
Heptane	72 hours	No Effect
Hydrocarbon Fluid		No Effect
JP-4 Fuel		No Effect
Kerosene		No Effect
Methyl Ethyl Ketone		No Effect
Nitric Acid	1%, 40 hours	No Effect
Phosphoric Acid	1%, 40 hours	No Effect
Skydrol		No Effect
Sodium Hydroxide		Affects overall readability
Sulfuric Acid	10%, 24 hours	No Effect
Turbine and jet fuel (MIL-L 5161C)	(MIL-L 5161C)	No Effect
Tetra Sodium Pyrophosphate	1%, 40 hours	No Effect
Trisodium Phosphate		No Effect
Temperature Resistance		
Temperature Resistance (Image Intensified)	265 hours at 500°F 90 hours at 600°F 60 hours at 700°F	Reduced overall readability after these thresholds
UV Exposure (Image Intensified)	Weatherometer, 20 years equivalent	Reduced overall readability after these thresholds
Abrasion Resistance (Image Intensified)	Plates brushed for 7,000 cycles with stiff nylon wheel (C-17) at a 1,000 gm (16 oz.) load.	Reduced overall readability after these thresholds

NOTE: Always test a sample in your exact environment to ensure performance. Tests were conducted in laboratory environments and may or may not simulate your specific conditions.

Applications for these products are limited only by the customer’s imagination. Here are just a few possible applications:



- Street Signs
- Traffic Signs
- Computers
- Outdoor Furniture
- Lawn Equipment
- Office Furniture
- Audio/Visual Equipment
- Medical Equipment
- Playground Equipment
- Laboratory Equipment
- Gas Meters
- Transformers
- Engines
- Vending Machines
- Storage Racks
- Pallets



- Industrial Equipment
- Amusement Parks
- Athletic Equipment
- Wine Barrels
- Catalytic Converters
- Outdoor Fixtures
- Hand Tools
- Ambulatory Equipment
- Surgical Equipment



- Recreational Equipment
- Fire Extinguishers
- Cable Reels
- Camera Equipment
- Aviation Equipment
- Retail Fixtures
- Security Equipment
- Military Equipment



- Construction Equipment
- Agriculture Equipment
- Unique Items
- Dental Equipment
- Pharmaceutical Items
- Electronic Equipment
- Prison Fixtures
- Utility Poles
- Fitness Equipment
- Casino Equipment



- Picnic Tables
- Power Poles
- Production Equipment
- Fire Hydrants
- Warehouse Equipment
- Mining Equipment
- Autoclaves
- Parking Meters

And many other OEM and asset tracking applications

From laptops to railroad locomotive air brake systems, the tracking opportunities for our photo anodized nameplates and labels are endless. And because they’re manufactured by a company known for their product quality you know they will last. Read what some of our customers are saying and then give us a call and discover for yourself the Metalcraft Difference.

*Being an owner/operator in the TV production business it is easy to lose gear mixed with another TV crew. Metalcraft labels stick so well you need a chisel to remove them. I haven’t lost a piece of equipment since I labeled everything.*

Ralph Renick, Owner  
Ralph Renick Productions

*Your photo anodized bar code label plates stand up to high forklift truck traffic.*

Shirley Wise, Material Control Analyst  
Visteon Systems, LLC

*We have barcode nameplates that are still performing after being attached to brakes for 10 years. With the long-term exposure to extreme conditions, I can’t imagine a more robust application for Metalcraft barcode nameplates.*

Bob Ward, Senior Buyer  
New York Air Brake

*They hold up well in use and they stay on the item they are attached to.*

Bill Holland  
Texas Youth Commission

*The paint resistance is a great feature. Once we apply the label on the parts, we paint them. If we had to mask off the label each time it would add too much time to the process.*

Marie Mull  
Quality Manufacturing

*I like these labels because of their durability. I have used them myself and sold them to customers in any situation involving assets that sustain extreme wear and tear and weath-ering. They are easy to affix to equipment, and the production time is pretty quick.*

Adam Vinecombe  
Lockwood Technology

For more information on the products listed here or any of our other products, please contact Metalcraft’s Customer Service Department at 1-800-437-5283 or visit [www.idplate.com](http://www.idplate.com).



800-437-5283  
[www.idplate.com](http://www.idplate.com)

DURABLE • RELIABLE • VERSATILE

# METAL LABELS



Property of  
**Ventura Fire Department**  
520158





Durable enough for the production floor, yet versatile enough for an office setting, Metalcraft customers have come to expect the very best and our photo anodized metal nameplates and foil labels deliver time and time again.

# Metalcraft – Superior Metal Labels

Just what makes photo anodized products superior to other products? Photo anodized nameplates and labels are produced using a photo imaging process that seals the image within the sapphire-hard anodic layer of the aluminum which resists chemicals, paint, 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 20 plus years. This optional secondary coating also increases the heat resistance of the nameplate or label.



With literally hundreds of different size options and various material thicknesses as well as a wide array of adhesives and/or affixing methods available it's no wonder our photo anodized product line is the top choice among our customers due to its durability, reliability (aka "scannability") and versatility. And now we've made our best-selling Metal Bar Code Nameplates even easier to apply with a convenient break-away tab\* to assist with adhesive liner removal.



Scan and Learn

How does it work? Download any QR code reader from your mobile smart phone's app feature, activate it and "scan" this bar code to see how Metalcraft's new tabbed nameplate works.

\*Not available on all sizes

But it doesn't stop there – in addition to our Metal Bar Code Nameplates and Foil Bar Code Labels, Metalcraft offers a full line of photo anodized products. All offer the standard benefits – resistance to chemicals, abrasion and UV rays – and all are available with or without a bar code. Each one of the following products also has some type of unique feature that distinguishes it from the rest. From high temperatures to paint-resistance, Metalcraft Photo Anodized Nameplates and Labels have got you covered.

### Photo Anodized Product Line

- Metal Bar Code/Non-Bar Code Nameplates
- Foil Bar Code/Non-Bar Code Labels
- Teflon®-Coated Bar Code/Non-Bar Code Nameplates
- Permanent Paint-Resist Metal Bar Code/Non-Bar Code Nameplates
- High Temperature Metal Bar Code/Non-Bar Code Nameplates
- UV Defend Metal Bar Code/Non-Bar Code Nameplates
- UV Defend Foil Bar Code/Non-Bar Code Labels
- Foil 2D Dot™ Bar Code Labels



**UV Defend Metal Bar Code Nameplates & UV Defend Foil Bar Code Labels**  
Developed specifically for outdoor applications exposed to direct sunlight and other extreme environmental conditions, these labels feature our image intensification process extending their lifetime to 20 plus years.

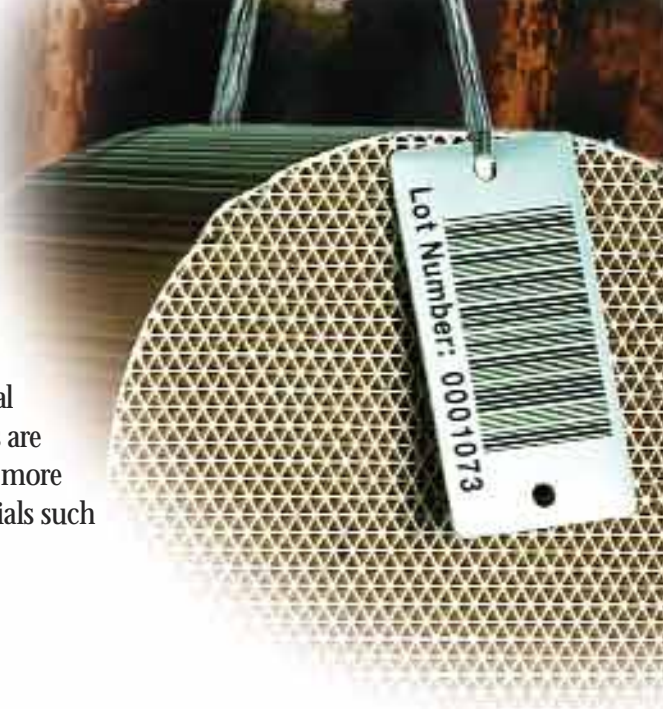
**Foil 2D Dot™ Bar Code Labels**  
The 2D DataMatrix ECC200 bar code symbology allows you to identify and track property as well as record calibration and maintenance information in one-tenth the space of traditional bar codes. Plus, because of the high redundancy within the DataMatrix symbology, the bar code is still readable if as much as 60% of the image is destroyed.



**Teflon® Coated Metal Bar Code Nameplates**  
Dirt, grease, grime, even dried paint easily clean off this revolutionary nameplate due to its durable Teflon® coating. This product also resists incidental or intermittent contact with strong acids and caustics as well as temperatures up to 500° F.

Teflon® is a registered trademark of DuPont

**High Temperature Metal Bar Code Nameplates**  
These nameplates are ideal for applications with temperature requirements from 900° F to 1200° F and are produced with holes for attachment with mechanical fasteners. These unique nameplates are an economical alternative to other more expensive high temperature materials such as ceramic and stainless steel.



**Paint-Resist Metal Bar Code Nameplates**  
These unique nameplates feature a special fluoropolymer laminate that resists multiple paint applications, grease, graffiti and can withstand temperatures up to 350° F. An economical alternative, Paint-Resist Metal Bar Code Nameplates offer the option of adding a color logo or design to the product.

