



UID PRODUCT LINE



Photo Anodized 5 Point Promise

- 1 Superior Durability:** Limitless options with dependability and readability under harsh conditions for the most durable ID solutions.
- 2 Next Day Program:** Order today. Ship tomorrow at no additional charge! Available in many of our most popular sizes.
- 3 Easy Replacements:** Why pay for an entire order when you only need a few replacements? Metalcraft offers this service for a low flat fee.
- 4 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.
- 5 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!*

UID is a Department of Defense mandate that requires a globally Unique Item Identifier to track items throughout their lifecycle. The basic concept is simple – a globally unique identifier – it becomes a bit more difficult when looking at how to make the identifier globally unique and last the lifetime of the asset.

Make it easy – contact Metalcraft. Our UID Specialists have expansive expertise on UID and can help navigate the different military specifications to customize a solution for you that guarantees verification to the required print standards.

In addition, our UID 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.

**Metalcraft is not responsible or liable for any labor costs associated to replace the barcode nameplate and/or label*

Products



Metal Barcode Nameplates



CRAFTMARK Polyester Barcode Labels



Foil Barcode Labels

Specifications

Product	Material	Adhesive	Lead Time
Metal Barcode Nameplates	.008" anodized aluminum (additional thicknesses available)	.0035" low surface energy pressure sensitive adhesive	5 workdays
Foil Barcode Labels	.03" anodized aluminum (.005" optional thickness)	.0035" low surface energy pressure sensitive adhesive	5 workdays
CRAFTMARK Polyester Barcode Labels	.003" polyester	.0035" low surface energy pressure sensitive adhesive	11 workdays

Test Results

These tests were conducted for a limited period in strict laboratory conditions. To achieve maximum satisfaction, we highly recommend any customer considering use of this product test the labels in the environment in which they will be used.

Products: Metal Barcode Nameplates and Foil Barcode Labels

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	650 °F	Intensified photo anodized products
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

Products: CRAFTMARK Polyester Barcode Labels

Chemical Soak Test: Rating measures barcode readability on various labels after being exposed to chemicals listed below for a 6-hour soak. NE = No Effect

Product	Water	Glass Cleaner	Bathroom Cleaner	Alcohol	Acetone	Sodium Hydroxide	Nitric Acid	Hydrochloric Acid	Brake Fluid	Diesel
CRAFTMARK Polyester Barcode Labels	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

Label Adhesion: Labels were applied to a clean glass substrate and submerged in the following chemicals for 6 hours. A 180-degree peel test was performed on each label to measure peel strength in pounds/inch

Product	Water	Glass Cleaner	Bathroom Cleaner	Alcohol	Acetone	Sodium Hydroxide	Nitric Acid	Hydrochloric Acid	Brake Fluid	Diesel
CRAFTMARK Polyester Barcode Labels	8.8	9.6	9.2	8.5	6.3	5.3	8.2	8.3	8	6.7

Abrasion Test:
Measured using Taber Abrader using Calibrase H18 wheel with 500 g weight

CRAFTMARK Polyester Barcode Labels

6,000 revolutions

Heat Test

CRAFTMARK Polyester Barcode Labels

302 °F

