Features	NEW! CMYK color matching now available for Metal Barcode Nameplates at NO ADDITIONAL CHARGE! Photographically reproduced black copy, logos and bar codes ensure accurate and reliable reads Anodizing process protects copy, logos and bar codes from chemicals, abrasion and high temperatures Adhesive specially matched to surface for maximum adhesion or optional holes available for mechanical fasteners. Optional intensification process increases heat resistance and improves the image resistance for other environmental conditions
Product Print Options	Barcode . Data Matrix . QR Code . Serial Number . Text
Product Functionality	Abrasion Resistance . Chemical Resistance . Heat Resistance . UV/Outdoor Durability
Popular Applications	Audio / Visual . Calibration . Government . Inventory . Marine . Oil & Gas . Restoration . Supply Chain . Transportation / Logistics . Utilities . Warehouse / Distribution Centers . Wineries / Breweries . Churches . Construction / Tool Tracking . Hospitals . IT Assets . Manufacturing . Schools

Category

PHA 5 Point Promise . Manufacturing . Information Technology . Medical . Utilities . Warehouse . Equipment Rental . Education . Asset Tracking . Tool Tracking . Work-in-Process . Metal Asset Tags . Metal Barcode Nameplates . High Temperature Metal Tags . Color Designed/Non Barcode Nameplates

Metal Barcode Nameplates combine reliability with the durability you have come to expect with any Metalcraft product. They have consistently remained one of our most popular products for our customers because of their dependability as well as the options available including thickness of material, adhesive options and size selection. With hundreds of sizes available chances are very likely we will have just the size.

Ask about our Photo Anodized 5 Point Promise!

Available with or without a barcode, Metal Tags are ideal for customers who require permanent nameplates to stand up to harsh environments. Black copy, logos and barcodes are photographically reproduced for maximum clarity and detail and then sealed within a layer of anodized aluminum – ensuring accurate and reliable reads for years to come. Optional second colors are digitally inkjet printed.

For applications where the nameplate will be exposed to higher temperatures or more extreme environmental conditions, Metalcraft offers an optional intensification process that

increases heat resistance to 1000°F (intermittent) and improves image resistance for other environmental conditions including damaging UV rays. In addition, Metal Barcode Nameplates are available with pressure-sensitive adhesive or optional holes for mechanical fasteners.

Specifications Data

Material	**.008” matte anodized aluminum is standard. Optional thicknesses include: .012”, .032”, and .063”.**
Serialization	All alphanumeric bar codes are photo imaged with a human-readable equivalent. Guaranteed no skips in sequence. Code 39 with 2.7 to 9.4 characters per inch (CPI) is standard. Other bar code symbologies including Code 128, I 2 of 5, 2D DataMatrix and QR Code.
Label Copy	Printed copy may include block type, stylized type, logos or other designs. Black copy is produced photographically. Colors other than black are screen printed.
Colors	Choose black only or one of our standard colors (red, blue, green, dark blue, orange, purple or yellow) for block style type, stylized type, logos or other designs. Due to the contrast needed for bar code scanner, all bar codes are black. Color samples available upon request.
Standard Adhesive	Pressure-sensitive acrylic adhesive
Sizes	2.5" x 1.1875"; 2" x 1"; 1.5" x .75"; 2.5" x .75"; 1.5" x .5"; 1.75" x .5"; 2" x .625"; 2" x .75" 3" x 1"
Holes	Optional
Packaging	Shipped in “work-out- of” cartons for convenient application. Both cartons and trays clearly marked to indicate serial numbers of contents. Pressure-sensitive adhesive orders shipped with cleaner and application instructions.
Shipment	5-8 business days

Chemical Testing

Chemical Test Data

Characteristics	Test conditions	Effect
Water/humidity		No effect
Salt spray	5% at 95°F, 700 hours	no effect
Ammonium hydroxide	2 hours at 1% and 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

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Destructive Testing

A label with an intensified image was tested in a weatherometer, 20 years equivalent; reduced overall readability after these thresholds

Destructive Test Data

Temperature Testing

Temperature Test Data

Read Range Testing

Read Range Test Data

Barcode Readability Testing

Barcode Readability Test Data

Abrasion Testing

A plate with an intensified image was brushed for 7,000 cycles with stiff nylon wheel (C-17) at a 1,000 gm (16 ox.) load; reduced overall readability after these thresholds

Abrasion Test Data

Label Adhesion Testing

Label Adhesion Test Data

Pull Testing

Pull Test Data