



Paint-Resist Metal Barcode Nameplates

PHOTO ANODIZED PRODUCT LINE

Metalcraft's Paint-Resist Metal Barcode Nameplates can withstand many paint applications while sporting a color design. These unique and economical tags feature a fluoropolymer laminate that resists multiple paint applications (approximately 10-12), grease and graffiti. They can withstand temperatures up to 350° F (176.7 °C). After painting, customers simply pick off the dried paint and are left with a clean, easy-to-scan Metal Barcode Nameplate - a great product for work-in-process applications.

Black copy, logos and barcodes are photographically reproduced for maximum clarity and detail and then sealed within the anodic layer of the aluminum - ensuring accurate and reliable leads for years to come. Optional second colors are digitally inkjet printed.

Material and Design Specifications

- .008" (0.21 mm) matte anodized aluminum is standard
- Optional thicknesses include .012" (0.31 mm), .020" (0.51 mm), .032" (0.82 mm) and .063" (1.61 mm)
- Sizes: Various sizes available
- Pressure-sensitive acrylic adhesive; excellent bond to unpainted metal surfaces such as aluminum and stainless steel as well as glass surfaces
- Optional holes for mechanical fasteners
- Adhesive shelf life of 24 months when stored at 72 °F (22 °C) and 50% relative humidity

Key Features

- New! CMYK color matching now available at NO ADDITIONAL CHARGE!
- Fluoropolymer laminate designed to resist up to 12 paintings and withstand continuous temperatures up to 350° F
- Anodizing process and fluoropolymer laminate protects black copy, logos and barcodes from chemicals, abrasion and high temperatures
- Adhesives specially matched to surface for maximum adhesion or optional holes available for mechanical fasteners

Applications

- Asset Tracking
- Work-in-Process
- Product Identification

Environmental Specifications

- Minimum Application Temperature +50° F (10 °C)
- Temperature Range: -40° F (-40° C) to +350° F (176.7° C)
- Chemical Resistance: Resistance to mild to moderate solvents, common cleaners and water

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 tags in the environment in which they will be used.

Chemical Soak Test: This 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
Paint-Resist Metal Barcode Nameplates	NE	NE	NE	NE	NE	NE	NE	NE	NE

Abrasion Test Data

Image Intensified	Plates brushed for 7000 cycles with stiff nylon wheel (CS-17) at a 1000 gram (35.3 oz.) load	Reduced overall readability after these thresholds
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Installation Instructions

- Clean the surface using Isopropyl alcohol, alcohol pad or equivalent solvent to ensure surface is free from dirt, dust, oil and misc. debris that may affect adhesion.
- Handle the tag by edges, peel release liner from back ensuring not to touch the adhesive.
- Place the tag in desired tagging location and firmly apply even pressure to the tag for 5 seconds.
- Do not disturb the newly mounted tag for at least 72 hours to ensure proper adhesive seating.

Industry Compliance

