



Metal Bar Code Nameplates combine reliability with the durability you have come to expect with any Metalcraft product. And now we've made them even easier to apply with a convenient break-away tab to assist with liner removal. 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 more than 500 sizes available chances are very likely we will have just the size you need. Available with or without a bar code, Metal Bar Code Nameplates are ideal for customers who require permanent nameplates to stand up in harsh environments. Black copy, logos and bar codes are photographically reproduced for maximum clarity and detail and then sealed within the anodic layer of the aluminum – ensuring accurate and reliable reads for years to come. Optional second colors are screen 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

Tabbed Metal Asset Tags

damaging UV rays. In addition, this product is available with pressure-sensitive adhesive or optional holes for mechanical fastening.

Features

Photographically reproduced black copy, logos and bar codes ensure accurate and reliable reads

Anodizing process protects black copy, logos and bar codes from chemicals, abrasion and high temperatures

Adhesives 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

Break-away tab for easier liner removal

Product Print Options

Barcode . Data Matrix . QR Code . Serial Number . Text

Product Functionality

Abrasion Resistance . Chemical Resistance . Heat Resistance

Popular Applications

Audio / Visual . Government . Inventory . Oil & Gas . Restoration . Transportation / Logistics . Utilities . Warehouse / Distribution Centers . Wineries / Breweries . Churches . Construction / Tool Tracking . Hospitals . IT Assets . Manufacturing

Category

Metal Asset Tags

Tabbed Metal Asset Tags

Specifications Data

Material .012" thick matte anodized aluminum is standard. Optional thicknesses include .016" and .020".

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, 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 .0035" thick, pressure-sensitive adhesive that has a very high peel strength and provides excellent resistance to heat and chemicals.

Sizes Various sizes available

Holes Optional

Packaging Shipped in "workout-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 5-10 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
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

Destructive Testing

Destructive Test Data

Image intensified	Weatherometer, 20 years equivalent	Reduced overall readability after these thresholds

Abrasion Testing

Abrasion Test Data

Plates brushed for 7000 cycles with stiff nylon wheel (C-17) at a 1000 gm
(16 ox.) load

Image Intensified

Reduced overall readability after these thresholds

