



Metalphoto of Cincinnati

Nameplates

Solutions for Heavy & Light Duties

One size does not fit all. You have a project that requires nameplates manufactured for your equipment, environment and budget – not anyone else’s. MPC can provide a metal or plastic solution tailored to your particular needs. Custom nameplates are precision fabricated with a wide selection of features and attachment options, adding value to your project.

MPC’s Promise: Durable nameplates manufactured to last the life of your equipment.

Metalphoto of Cincinnati has been a leading full-service manufacturer of durable custom nameplates and other identification products for more than 50 years. Experience is our strength, providing the knowledge and capability to deliver the best solution for your product identification needs.

Because Durability Matters

Tough performance with resistance against:

- UV/sunlight exposure
- abrasion
- extreme temperatures
- weather
- saltwater
- chemicals & solvents
- cleaning processes
- graffiti

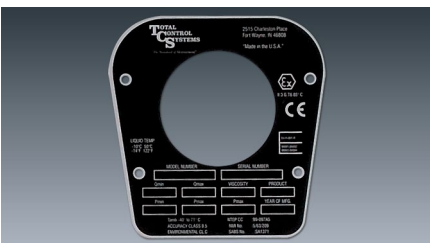
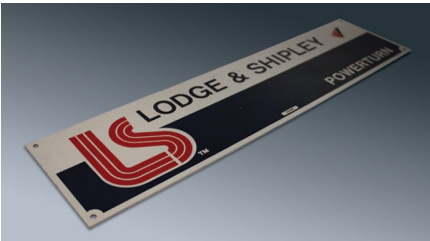
Specifications

- military
- aerospace
- many industry standards

Metal & Plastic

- Metalphoto® aluminum
- anodized aluminum
- aluminum
- stainless steel
- brass
- polyester
- polycarbonate

www.mpfocincinnati.com/nameplates.html



HEAVY EXPANDED MOBILITY AMMUNITION TRAILER, M989A1

| LIFTING DATA | | WEIGHT DISTRIBUTION DATA | |
|---|--------|--------------------------|--------|
| All components are evenly spaced and distributed evenly across the length of the trailer. | | | |
| LOCATION | WEIGHT | LOCATION | WEIGHT |
| AXLE FRONT | 4,000 | AXLE REAR | 16,000 |
| AXLE FRONT | 4,000 | AXLE REAR | 16,000 |
| AXLE FRONT | 4,000 | AXLE REAR | 16,000 |

TECHNICAL DATA

FOR INFORMATION ONLY: THIS DRAWING IS FOR IDENTIFICATION PURPOSES ONLY. IT DOES NOT REPRESENT THE ACTUAL CONFIGURATION OF THE EQUIPMENT.

DATE: 11/11/11

REV: 1

ISSUED BY: [Signature]

APPROVED BY: [Signature]

DATE: 11/11/11

REV: 1

ISSUED BY: [Signature]

APPROVED BY: [Signature]



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Metalphoto of Cincinnati

Your Material Choices Include:

Metalphoto is our most durable and widely used material. High-resolution graphics are sealed beneath a sapphire-hard anodic layer, providing superior resistance to UV, abrasion, cleaning solvents, most chemicals, and extreme temperatures. Service range is -40°F to +650°F. Proven outdoor durability of 20+ years.

Anodized Aluminum offers a built-in protective finish that provides exceptional abrasion resistance and durability against corrosion, extreme temperatures, chemicals and solvents. May be considered as an alternative to Metalphoto for certain applications where UV resistance is not a requirement.

Aluminum is lightweight, strong, and provides good corrosion resistance. Image durability is directly related to types of inks or color fills applied (epoxy, dye or pigment base). A protective coating is often applied for increased abrasion resistance.

Stainless Steel offers exceptional resistance to chemicals and corrosion. A dense metal preferred for highly caustic and acidic environments, which would otherwise attack aluminum. Image durability is directly related to types of inks or color fills applied (epoxy, dye or pigment base).

Brass provides excellent resistance to saltwater, corrosion and chemicals. Image durability is directly related to types of inks or color fills applied (epoxy, dye or pigment base). A protective coating may be applied to increase durability and resistance to tarnish.

Polyester possesses high tensile strength with good resistance against heat, chemicals, abrasion and tears. This economical plastic is available in a variety of colors and easily die-cut. Graphics are printed on the second surface for increased durability.

Polycarbonate possesses high mechanical strength and superior optical clarity with good heat, chemical, abrasion and impact resistance. This economical plastic is available in a variety of colors and easily die-cut. Graphics are printed on the second surface for maximum durability.

Need help? Contact us now at **800.528.4058** to discuss your project.

Material Selection Chart:

| RATING KEY | | PHYSICAL / ENVIRONMENTAL PROPERTIES | | | | | | | DESIGN CONSIDERATIONS | | | |
|--|---------------|-------------------------------------|--------------------|---------------------|---------------------|--------------------|-------|-------|------------------------------|-----------------------|-------------------------------|--------------------------------------|
| <ul style="list-style-type: none"> ● Excellent ● Very Good ● Good ● Fair ● Poor | Heat Max (°F) | Cold Max (°F) | Outdoor Durability | Abrasion Resistance | Chemical Resistance | | | | Color Printing Compatibility | Custom Color Matching | Textures Available | Range of Thicknesses Available (In.) |
| | | | | | Solvents | Fuel, Oil & Grease | Acids | Bases | | | | |
| Metalphoto® | 750° | -400° | ● | ● | ● | ● | ● | ● | Black/Silver Only | N/A | Gloss, Satin, Matte, #4 Brush | .003 - .125 |
| Metalphoto® with Anodized Printed Colors | 350° | -400° | ● | ● | ● | ● | ● | ● | Spot Color Only | Yes (Limited) | Gloss, Satin, Matte, #4 Brush | .003 - .125 |
| Anodized Aluminum | 350° | -400° | ● | ● | ● | ● | ● | ● | Spot Color Only | Yes (Limited) | Gloss, Satin, Matte, #4 Brush | .003 - .125 |
| Aluminum | 1000° | -140° | ● | ● | ● | ● | ● | ● | Spot Color Only | Yes | Gloss, Satin, Matte, #4 Brush | .003 - .125 |
| Stainless Steel | 1500° | -400° | ● | ● | ● | ● | ● | ● | Spot Color Only | Yes | Satin, #4 Brush | .014 - .120 |
| Brass | 1200° | -400° | ● | ● | ● | ● | ● | ● | Spot Color Only | Yes | Gloss, Satin | .014 - .062 |
| Polyester | 140° | -40° | ● | ● | ● | ● | ● | ● | Full Color (CMYK) | Yes | Gloss, Matte | .005 - .010 |
| Polycarbonate | 270° | -211° | ● | ● | ● | ● | ● | ● | Full Color (CMYK) | Yes | Gloss, Matte, Velvet | .005 - .030 |
| Hard-Coated Polyester | 140° | -40° | ● | ● | ● | ● | ● | ● | Full Color (CMYK) | Yes | Gloss, Non-Glare | .005 - .010 |
| Hard-Coated Polycarbonate | 270° | -211° | ● | ● | ● | ● | ● | ● | Full Color (CMYK) | Yes | Gloss, Non-Glare, Matte | .005 - .030 |

* This chart is intended for general guidelines only. Users must test products in the specific environment anticipated. Metalphoto of Cincinnati does not warrant performance of its materials in any environment.

