Teflon® Coated UID Nameplates

The UID mandate presents some interesting challenges for unique marking applications. Painted surfaces, for example, make it difficult to get nameplates and labels to adhere. Paint removal can also be a problem if the paint covers the UID mark that needs to be read. That's where Metalcraft comes in. Our revolutionary Teflon® Coated UID Nameplates resist dirt, grease, grime, and even dried paint. The Teflon® coating also resists incidental or intermittent contact with strong acids and caustics, as well as temperatures up to 500°F.

Black copy, logos, and bar codes are photographically reproduced for maximum clarity and detail and then sealed within the anodic layer of aluminum. The anodized aluminum combined with the Teflon® coating makes these nameplates one of our most durable products. This product is ideal for applications exposed to CARC (Chemical Agent Resistant Coating) paint because the paint won't stick to the Teflon®, but the CARC approved adhesive will stick to the painted surface. This product is also available with optional holes for mechanical fasteners.

And because it is a Metalcraft UID product you receive all the same benefits as our other UID products – expert knowledge from our team of UID specialists, verification and validation reports. Remember - we also now offer UID Registration services truly making Metalcraft a one-stop shop for complete UID compliance.

Key Product Features

- Expertise in working with the UID spec
- UID Registration Service available
- Dirt, grease or dried paint is easily removed
- CARC approved adhesive available
- Teflon® coating also provides protection against long-term exposure to weather, extreme heat or cold, UV rays, and fluctuations in temperature
- Photographically reproduced black copy, logos, and bar code ensure accurate and reliable reads
- Established company with a reputation for durable and reliable products

Not sure what product you need?
Call our trained Experts!

800-437-5283

METALcraft
I.D. PLATES & LABELS

149 4th Street SW • P.O. Box 1468
Mason City, IA 50401-1468
www.idplate.com
E-mail: metalcraft@idplate.com

®Teflon is a registered trademark of DuPont

Teflon® Coated UID Nameplates Specifications

Material: .012" thick anodized aluminum is standard. Optional thicknesses include .020", .032", and .063". The Teflon® coating is a fluoropolymer, which is approximately .001" to .0015" thick.
Bar Codes: All alphanumeric bar codes are photo imaged with a human-readable equivalent. Guaranteed no skips in sequence.
Label Copy: The printed label copy can include block type, stylized type, logos, and other designs. All copy is produced photographically.
Colors: Teflon® Coated UID Nameplates are available in Black-Type and Black-Designed only. No second colors are available.
Standard Sizes: Send e-mail to metalcraft@idplate.com or fax request to 641-423-8898 or call 800-437-5283 for details on available sizes.
Standard Adhesive: Pressure-sensitive foam adhesive (MC38MT), .0038" thick, supported by a liner. Specifically designed to bond aluminum identification tags to difficult to bond to surfaces including Chemical Agent Resistant Coatings; engineered to bond in low temperature and high humidity environments and withstand low and high temperature exposure.

Optional Adhesive: .002" thick low surface energy, pressure-sensitive adhesive (MC71FL). Provides excellent adhesion to uneven surfaces and slightly oil surfaces.
Optional Holes: Available upon request for mechanical fasteners. Standard hole diameters include 3/32", 3/16", and 1/8". Contact Metalcraft for additional hole diameters. A 1/4" quiet zone must be allowed at the beginning and end of the bar code inside the mechanical fastener area.
Packaging: Shipped in "work-out-of" cartons for convenient application. Each carton consists of one or more plastic trays containing 250 sequentially packed nameplates (can vary with metal thickness). Both cartons and trays are clearly marked to indicate serial numbers of contents. Pressure-sensitive adhesive orders are shipped with cleaner and application instructions.
Shipment: 20-25 work days upon receipt of order and proof approval.

To Order: Call 1-800-437-5283 and ask for customer service.

Test Results

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

Abrasion Tests: Test performed with Taber Abrader set at 500g, 70% Vacuum with Calibrase CS-10 Wheels.

Conclusion: Tests were run to 1000 revolutions with no breakthrough of any Teflon® coatings.

Paint Adhesions Tests: Highly resistant to broad number of paint types.

Bar Code Readability Test: This rating measures bar code readability after being exposed to chemicals listed below for a 2 hour soak.

Test Conditions	Rating
Acetone	100
Isopropyl Alcohol	100
Clear Magic	100
Glass Cleaner	100
Bathroom Cleaner	100

Chemical emergence tests are rated on a scale of 100 to 0:
100 = No Effect
75 = Image Blurred
50 = Image Scratches Off
25 = Image Wipes Off
0 = Image Destroyed

METALcraft I.D. PLATES & LABELS
149 4th Street SW • P.O. Box 1468
Mason City, IA 50401-1468
www.idplate.com
E-mail: metalcraft@idplate.com

®Teflon is a registered trademark of DuPont