
# Paint-Resist Container Labels

PAINT-RESIST LABELS

Metalcraft's Paint-Resist Container Labels are engineered to deliver unmatched durability and performance in the most demanding conditions. Featuring a special matte finish that enhances barcode readability and reduces glare, these labels provide superior resistance to paint, graffiti and chemicals - ensuring long-lasting identification where traditional labels fail.

Our innovative Paint-Resist Container Labels offer superior protection and durability at an affordable price, making them the perfect solution for industries seeking reliable identification solutions in tough environments.

## Material and Design Specifications

- 0.002" (0.06 mm) thick white polyester with 0.002" (0.06 mm) matte clear paint-resistant PET overlaminate
- Overall dimensions - various sizes available
- Metalcraft's MC778 0.0035" (0.09 mm) high-performance acrylic adhesive
- Features digital printing for complex details/logos
- Serialized/unserialized numbers and barcodes with human readable numbers

## Technical Specifications

- All alphanumeric barcodes are digitally printed with human-readable equivalent to guarantee no skips in sequence
- Code 39 with 2.7 to 9.4 characters per inch (CPI) is standard
- Other barcode symbologies include Code 128, I 2 of 5, 2D DataMatrix and QR Code. OCR characters and CPIs also available

## Key Features

- Exceptional Durability: Designed to withstand abrasion, paint overspray and harsh chemicals
- 5-Year Outdoor Rating: Reliable performance in challenging outdoor conditions
- Enhanced Barcode Scanning: Matte finish improves readability even in bright sunlight
- Cost-Effective Solution: Long-lasting durability reduces replacement costs

## Applications

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

## Environmental Specifications

- Minimum Application Temperature: +50 °F (10 °C)
- Temperature Range: -40 °F to +300 °F (-40 °C to + 148.9 °C) after wetting out for 72 hours in room temperature conditions
- Maximum Intermittent Temperature Exposure: Up to 350 °F for 1 hour
- UV Resistance: Up to 5 years of UV resistance outdoors
- Chemical Resistance: Tag has excellent chemical resistance to strong acids and strong bases/alkalines. Very good resistance to petroleum-based products such as diesel fuel, brake fluid and common household cleaners. Avoid exposure to acetone.

## 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.

| UV Resistance (ASTM D4329) |
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| Tag materials withstand 2000 hours of exposure with no degradation to UV-340a fluorescent lamps with a continual exposure cycle consisting of 8 hours UV-340a lamp exposure followed by 8 hours of condensation with no UV lamp exposure. Certain printed copy colors such as red and yellow did exhibit fade. Approximate outdoor life is 5 years. |

| Abrasion Resistance (ASTM G195) |
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| Tag withstands 26,000 revolutions on Taber Abrader, CS-10 wheels, 1000 gram total load and will protect pre-printed copy under the 0.002" overlaminate to this level. |

| Paint Resistance |
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| Excellent resistance to water-based dyes and enamel, epoxy and lacquer paints. |

## Installation Instructions

1. 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.
2. Handle the tag by edges, peel release liner from back ensuring not to touch the adhesive.
3. Place the tag in desired tagging location and firmly apply even pressure to the tag for 5 seconds.
4. Do not disturb the newly mounted tag for at least 72 hours to ensure proper adhesive sealing.

## Industry Compliance