



Permanent Paint Resist Polyester Labels

PAINT-RESIST LABELS

Regular barcode labels will not stand up to repeat paint applications, but Metalcraft's Permanent Paint Resist Polyester Labels will. These unique labels feature a special fluoropolymer laminate very similar to Teflon® coating in that it resists multiple paint applications (approximately 10-12), grease, even graffiti and can withstand temperatures up to 250 °F. After painting, customers simply pick off the dried paint and are left with a clean, easy-to-scan polyester barcode label - a great solution for work-in-process.

Permanent Paint-Mask Barcode Labels are produced using a subsurface printing process that protects the logos, copy and barcode against extreme solvents, caustics, acids and moderate abrasion. In addition, Metalcraft's digital printing process ensures that even the most detailed logo will look crisp and clean. Custom colors are available at no additional charge.

Material and Design Specifications

- 0.002" (0.06 mm) thick polyester; available in white or silver.
- Overall dimensions - various sizes available
- 0.002" thick high performance 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, 1 2 of 5, 2D DataMatrix and QR Code. OCR characters and CPIs also available

Key Features

- One-use 0.002" thick polyester paint-mask that is designed to resist tears when removing and withstands temperatures up to 250 °F for short periods of time
- Conforms to uneven or curved surfaces
- Subsurface printing protects against extreme solvents, caustics, acids and moderate abrasion while eliminating need for a laminate
- Digital printing process ensures barcode readability as well as crisp, clean company logos

Applications

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

Environmental Specifications

- Minimum Application Temperature: +50 °F (10 °C)
- Service Temperature Range: -40 °F to +250 °F (-40 °C to + 121.2 °C)
- UV Resistance: Up to 5 years of UV resistance
- Chemical Resistance: Excellent resistance to strong acids and alkaline solutions, very good resistance to flammable and combustible solvents and a wide variety of cleaning products

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

