



Craftmark Polyester Barcode Labels

BARCODE LABEL LINE

Metalcraft's Craftmark Polyester Barcode Labels are printed using our thickest polyester and a 0.0035" thick adhesive. These labels can outperform any standard polyester label - and with an unlimited color palette they will look better doing it.



Our Craftmark Barcode Labels are now available with our ColorFast™ option - a Tedlar® laminate that extends outdoor exposure for up to 10 years! Contact Metalcraft at 1-800-437-5283 or 641-423-9460 for more details.

Material and Design Specifications

- 0.003" (0.09 mm) thick white, clear or silver polyester
- Overall dimensions - various sizes available
- 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 are also available

Key Features

- Tough and versatile
- Subsurface printing combined with our thickest polyester protects the logos, copy and barcode against extreme solvents, caustics, acids and moderate abrasion
- Excellent adhesion to uneven, rough or slightly oily surfaces
- Four-color process allows you to promote your company with a label that sports a company name or logo
- Custom colors are available at no additional charge

Applications

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

Environmental Specifications

- Minimum Application Temperature: +50 °F (10 °C)
- Service Temperature Range: -40 to +300 °F (-40 to +149 °C)
- UV Resistance: Up to 5 years of resistance
- Chemical Resistance: Protection against extreme solvents, caustics, acids and moderate abrasion while eliminating need for a laminate

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 labels in the environment in which they will be used.

Chemical Immersion Results: Samples applied to glass panels, allowed to wet out 72 hrs., immersed in chemicals below at ambient room temperature conditions.

Sample (Immersion Time)	Water	Salt Water 5% NaCl	Bathroom Cleaner	Glass Cleaner	Isopropanol 99%	Brake Fluid	Acetone	Diesel Fuel	Nitric Acid pH 1.0 +- 0.1	Hydrochloric Acid pH 1.0 +- 0.1	Sodium Hydroxide pH 12.0 +- 0.1
Craftmark (48 Hours)	NE	NE	NE	NE	AO/ER	AO/ER	TD	AO/ER	NE	NE	NE

Key: NE - No Effect, AO - Adhesive Ooze, AL - Loss of Adhesion to Glass Panel, TD - Tag Delaminated, PE - Print Erosion Under Subsurface, ER - Adhesion Erosion

Cold Temperature Exposure: Samples applied to glass panels at ambient room temperature conditions, sit for 72 hrs., then placed in freezer set to -40 °F for 24 hours. Samples checked for defects including delamination.

Sample	Results
Craftmark	NE

Key: NE - No Effect

Heat Tests: 150-500 °F: Samples applied to glass panels, the same sample was exposed to each temperature noted below for 1 hour.

Sample	150 °F	200 °F	250 °F	300 °F	350 °F	400 °F	450 °F	500 °F
Craftmark	NE	NE	NE	NE	TD	TD, SS	TD, SS	TM

Key: NE = No Effect, TD = Sample Materials Discolored, TP = Sample Print Degradation, TM = Tag Melted/Destroyed, SS = Sample Shrinking; Adhesive Ooze at Edges

Abrasion Test Summary

Labels survived more than 6,000 revolutions on Taber Abrader using Calibrase H18 wheel with 1000 gram weight and remained readable with a barcode reader.

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



intertek



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