

Premium Polyester Bar Code Labels



Metalcraft's Premium Polyester Bar Code Labels provide the flexibility and functionality you need in a basic polyester bar code label. Designed for a variety of applications, the versatile polyester is pliable enough to conform to curved surfaces and durable enough to resist caustics, solvents and mild abrasion.

Premium Polyester Bar Code Labels are subsurface printed which provides an extra layer of protection for the logos, copy and bar code against solvents, caustics, acids and mild abrasion. This unique process eliminates the need for a laminate; thereby eliminating the additional cost for the laminate as well as the possibility of delamination. The .002" thick adhesive provides excellent adhesion to uneven or slightly oily surfaces.

The digital printing process used to produce these labels ensures even the most detailed logo will look crisp and clean. Custom spot colors are available in addition to Metalcraft's standard colors – black, red, yellow, green and blue.



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Key Product Features

- Subsurface printing protects against extreme solvents, caustics, acids and moderate abrasion while eliminating need for a laminate
- Digital printing process ensures bar code readability as well as crisp, clean company logos
- Durable polyester material easily conforms to uneven or radius surfaces
- .002" thick adhesive provides excellent adhesion to metal, high surface and low surface energy plastics, as well as slightly oily surfaces

Not sure what product you need?

Call our trained Experts!

800-437-5283



Premium Polyester Bar Code Labels Specifications

Material: .002" thick white or silver polyester which can withstand moderate to harsh exposure, mild to moderate abrasion and temperatures up to 300°F for short durations.

Serialization: Bar code and human-readable equivalent is produced using the latest high-resolution digital technology available, which provides excellent clarity and easy scanning. Code 39 is the standard symbology with a range of 2.7 to 9.4 CPI (characters per inch). Optional symbologies include Code 128, I 2 of 5 and 2D DataMatrix.

Although this product is primarily marketed as a bar code product, we can produce it with human-readable numbers only or unserialized. Call Metalcraft for information on either of these options. For non-bar code options we do offer clear polyester.

Label Copy: The label copy may include block type, stylized type, logos or other designs. All copy, block type, stylized type, logos, designs, and bar code are subsurface printed. This unique process provides excellent resistance to solvents, caustics, acids, and moderate abrasion.

Colors: Standard colors include black, red, yellow, green or blue. Custom spot colors also available for an additional charge. Due to contrast needed for the bar code scanner, all bar codes are black.



Standard Sizes:

No. 019: 2" x 1"	No. 033: 1 1/2" x 3/4"
No. 191: 2" x 5/8"	No. 277: 2" x 3/4"
No. 029: 1 3/4" x 5/8"	No. 123: 1 3/4" x 1/2"
No. 254: 1 1/4" x 1/2"	No. 694: 2 3/4" x 1 1/4"

Standard Adhesive: .002" thick low surface energy, pressure-sensitive adhesive (MC71FL). Provides excellent adhesion to uneven surfaces and slightly oily surfaces.

Optional Adhesive: .0035" thick low surface energy, pressure-sensitive adhesive (MC53FL). Provides excellent adhesion to uneven or rough surfaces and slightly oily surfaces.

Packaging: Shipped on convenient rolls with scrap matrix removed for ease of removal. Cleaning solution is provided to assist in applying to a clean surface. Cartons are clearly marked to indicate serial numbers of labels.

Shipment: 8 work days upon receipt of order and proof, approval. ID Express is available at an additional charge cutting lead time to 4 work days with 99% yield.

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 Test: Label survived more than 2,200 revolutions on Taber Abrader using Calibrase H18 wheel with 1000g weight.

Heat Test: Premium Polyester Bar Code Labels are able to withstand intermittent heat exposure to 300° F.

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
Caustic Soda	100
Brake Fluid	100
Acetone	100
Isopropyl Alcohol	100
Speedball Power Cleaner	100
Glass Cleaner	100
Water	100

Chemical emergence tests are rated on a scale of 100 to 0:
 100 = No Effect 25 = Label Falls Off
 75 = Oozing Adhesive 0 = Label Destroyed
 50 = Label Slides Off

Label Adhesion Test: This rating measures label adhesion after being exposed to chemicals listed below for a 2 hour soak.

Test Conditions	Rating
Caustic Soda	95
Brake Fluid	100
Acetone	85
Isopropyl Alcohol	100
Speedball Power Cleaner	100
Glass Cleaner	100
Water	100

Chemical emergence tests are rated on a scale of 100 to 0:
 100 = No Effect 25 = Label Falls Off
 75 = Oozing Adhesive 0 = Label Destroyed
 50 = Label Slides Off

Accu Force Pull Test (Tested in Foot Pounds)

Test Parameters	Surface Type	Results (Foot Pounds)
Immediate	Polyethylene	5.72
Immediate	Aluminum	5.19
Immediate	Glass	6.25
Overnight	Polyethylene	5.12
Overnight	Aluminum	5.03
Overnight	Glass	5.41
One Week	Polyethylene	5.72
One Week	Aluminum	5.09
One Week	Glass	5.25



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