

Polyester Barcode Container Labels



Features

Pliable polyester ideal for curved drum surfaces
Specially formulated adhesive ideally suited to adhere to polyethylene and polypropylene surfaces
Subsurface printing shields your copy from the abuses of rigorous cleanings and abrasion that shipping containers endure

Product Print Options

Barcode . Data Matrix . QR Code . Serial Number . Text

Product Functionality

Abrasion Resistance . Chemical Resistance . Heat Resistance . UV/Outdoor Durability

Popular Applications

Warehouse / Distribution Centers . Manufacturing

Category

Warehouse . Asset Tracking . Plastic Barcode Labels

Ensure proper tracking and return of your reusable containers with a product specifically designed for that application. Metalcraft's Barcode Container Labels are made of durable, pliable polyester – ideal for curved drum surfaces – with an adhesive specially formulated for polyethylene or polypropylene reusable containers.

In addition, subsurface printing protects the logos, copy and barcode against extreme solvents, caustics, acids and moderate abrasion. This unique process eliminates the need for laminate, thereby eliminating the additional cost for the laminate as well as the possibility of delamination.

Promote your company by tracking your reusable containers with a label that sports your company name and/or logo. Metalcraft's digital printing process ensures even the most detailed logo will look crisp and clean. Custom colors are available at no additional charge.

Potential Applications for Barcode Container Labels



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Returnable Containers - Metalcraft's Barcode Container Labels are perfect for tracking returnable containers such as pallets, bins, racks etc.

Specifications Data

Material	.002" thick polyester; available in white
Bar Code & Serialization	Bar code and human-readable equivalent is digitally printed – providing 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 linear and 2D symbologies available. Although this product is primarily marketed as a bar code product, we can produce it with human-readable numbers only or unserialized.
Label Copy	The label copy may include block type, stylized type, logos or other designs
Colors	Standard colors include black, red, yellow, green, orange, purple, dark blue or blue. Custom spot colors are also available at no additional charge. Due to contrast needed for the bar code scanner, all bar codes are black.
Standard Adhesive	Adhesive specially formulated for polyethylene or polypropylene reusable containers
Sizes	2" x 1"; 2" x .625"; 1.75" x .5"; 1.5" x .75" 2" x .75"; 1.25" x .5"; 1.75" x .625"
Packaging	Shipped on convenient rolls with scrap matrix removed for ease of removal. Cartons are clearly marked to indicate serial numbers of labels.
Shipment	11 business days

Chemical Testing

Chemical Test Data

Destructive Testing

Destructive Test Data

Temperature Testing

Adequate ratio for bar code scanning with intermittent heat exposure to 350°F. Polyester Container Labels material is able to withstand intermittent heat exposure to 350°F.

Temperature Test Data

Read Range Testing

Read Range Test Data

Barcode Readability Testing

This rating measures bar code readability after being exposed to chemicals listed below for a 2 hour soak.

Barcode Readability Test Data

Test conditions	Rating
Caustic soda	no effect
Brake fluid	no effect
Acetone	no effect
Isopropyl alcohol	no effect
Speedball power cleaner	no effect
glass cleaner	no effect
water	no effect

Abrasion Testing

Abrasion Test Data

Label Adhesion Testing

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

Label Adhesion Test Data

Test conditions	Rating
Water	no effect
Glass cleaner	no effect
Bathroom cleaner	no effect
Isopropyl alcohol	no effect
Acetone	no effect
Sodium hydroxide	no effect
Nitric acid	no effect

Pull Testing

Accu Force Pull Test (90° angle, tested in pounds/inch)

Pull Test Data

Test parameters	Surface type	Results (pounds/inch)
Immediate	Polyethylene	4.17
Immediate	Aluminum	5.02
Immediate	Glass	6.72
Immediate	Painted steel	5.97
72-hour	Polyethylene	6.19
72-hour	Aluminum	9.81
72-hour	Glass	7.49
72-hour	Painted steel	6.70