Metalized Polyester Barcode Labels

Metalized Silver Polyester Labels have the appearance of metal without the accompanying price tag.

These silver polyester asset labels are digitally printed which allows for crisp, clean company logos as well as consistent, reliable barcode scans. The .002” thick acrylic adhesive ensures a strong aggressive bond to most low surface energy plastic and metal applications.

If you're looking for other plastic barcode labels, click here.

Features	Metalized silver polyester designed to look and perform like foil Adhesive bonds well to plastics and metal surfaces Digital printing process ensures bar code readability as well as crisp, clean company logos Appearance of metal without the cost Polyester over laminate ensures long-lasting life of the tag EU REACH and RoHS compliant Minimum application temperature of +50F; Service temperature range of -40F to +302F Ideal for identification and metal product asset tracking IUID compliant: ISO 15415 & MIL-STD-130N
Product Print Options	Barcode . Data Matrix . QR Code . Serial Number . Text
Product Functionality	Abrasion Resistance . Chemical Resistance . Heat Resistance . UV/Outdoor Durability
Popular Applications	Audio / Visual . Government . Inventory . Theater . Churches . Construction / Tool Tracking . Hospitals . IT Assets . Schools
Category	Manufacturing . Information Technology . Medical . Equipment Rental . Education . Asset Tracking . Tool Tracking . Plastic Barcode Labels

2019 Metalcraft, Inc.
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Specifications Data

Material	.002" thick metalized polyester
Bar Code & Serialization	Serialized/unserialized numbers and bar code with human readable numbers; white behind BC is standard
Label Copy	The label copy may include block type, stylized type, logos or other designs
Colors	Standard colors include black, red, yellow, green, dark blue, purple, orange 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	High performance adhesive, particularly suited for a wide range of polyolefin and other low-surface energy materials (powderpaints, etc.)
Sizes	2" x 1"; 2" x .625"; 1.25" x .5"; 1.5" x .75"; 2" x .75"; 1.75" x .5"
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
Tag Certifications	IUID compliant: ISO 15415 & MIL-STD-130N

Chemical Testing

Samples immersed in chemicals noted below in room temperature conditions with checks for defects after 2, 24, 48 hours. Key: NE - no effect AO - Adhesive ooze TD - Tag delaminated ER - Printed image eroded/dissolved PE - Print erosion under topcoat

Chemical Test Data

	Water	Salt Water	Bathroom cleaner	Glass cleaner	Isopropanol	Brake fluid	Acetone	Diesel Fuel	Nitric Acid	Hydrochloric Acid	Sodium Hydroxide
2 hours	NE	NE	NE	NE	NE	NE	AO	AO	NE	NE	NE
24 hours	NE	NE	NE	NE	NE	AO	AO	AO	NE	NE	NE
48 hours	NE	NE	NE	PE	NE	AO	TD, ER	AO	NE	NE	PE

Destructive Testing

Destructive Test Data

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Temperature Testing

Samples subject to -40°F for 24 hours and cumulative exposure ranging from 200°F to 500°F for 1 hour each. Samples survived exposure to -40°F for 24 hours without any degradation or loss of adhesion to the glass panels. Samples started to shrink and develop severe print degradation after exposure to 400°F and severely shrunk or melted after exposure to 500°F. Key: NE - No effect TD - Sample materials discolored TM - Tag melted/destroyed

Temperature Test Data

200°F	250°F	300°F	350°F	400°F	500°F
NE	NE	NE	NE	TD, SS	TM

Read Range Testing

Read Range Test Data

Barcode Readibility Testing

Barcode Readability Test Data

Abrasion Testing

Labels survived 6000 revolutions on Taber 5130 Abrader using CS-10 wheels with a 500g load per wheel (1000g total).

Abrasion Test Data

Label Adhesion Testing

Label Adhesion Test Data

Pull Testing

Pull Test Data