ID Advantage Bar Code Labels

Choose your own advantage – this product has plenty! Whether it's unlimited color options, a thin profile, digital printing, UL approval or others, our new ID Advantage Bar Code Label is ideal for high volume applications in a mild to moderate environment.

Not only does adding the .001" thick clear polyester overlaminate to the label provide additional protection to the bar code and/or copy, but it also creates a UL approved label for those applications where UL approval is required. In addition, with hundreds of die options available chances are we will have the size you need.

Available with or without a bar code, our ID Advantage Labels are produced using our digital printing process, which – when combined with unlimited color choices shows off even the most detailed logos, type and artwork.

Key Product Features

- Digital printing process ensures bar code readability as well as crisp, clean company logos
- .001" thick clear laminate provides additional protection and creates UL approved product
- .001" thick pressure-sensitive adhesive bonds well to a wide variety of surfaces
- Custom spot colors and four-color processing available at no additional charge

ID Advantage Bar Code Label Specifications

Material: .002" thick white polyester; available with .001" thick clear polyester overlaminate.

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 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 Sizes:
No. 254: 1 ¼" x ½"
No. 033: 1 ½" x ¾"
No. 123: 1 ¾" x ½"
No. 277: 2" x ¾"
No. 019: 2" x 1"

Standard Adhesive: High performance adhesive

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: 6 work days upon receipt of order and proof approval (if needed).

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.
*All tests were conducted with a laminate.

Chemical Resistance Test: Labels were applied to a clean glass substrate and submerged in the following chemicals for three hours. A 180 degree peel test was performed on each label to measure peel strength and a percentage peel strength loss was calculated based on a sample left in standard room temperature dry conditions.

Chemical Resistance of Adhesive

	Water	Glass Cleaner	Bathroom Cleaner	Isopropyl Alcohol 99%	Acetone	NaOH pH 12.0	HNO_3 pH 1.0	HCI pH 1.0	Brake Fluid	Diesel Fluid
Peel Strength Change	+6%	+21%	+11%	-5%	-22%	+16%	+11%	+22%	+16%	+3%
Actual Peel Strength (lb/in)	3.4	3.9	3.6	3.0	2.5	3.7	3.6	3.9	3.7	3.3

Bar Code Grade Loss after Chemical Exposure

	Water	Glass Cleaner	Bathroom Cleaner	Isopropyl Alcohol 99%	Acetone	NaOH pH 12.0	HNO_3 pH 1.0	HCI pH 1.0	Brake Fluid	Diesel Fluid
	1	1	0	0	1	0	1	1	1	0

Heat Test: Labels were applied to a clean glass substrate and heated to the temperature listed below for one hour. Peel tests were performed to compare change in adhesive strength and bar codes were graded before and after testing to measure image degredation severity.

Adhesive Strength Loss after Heat Exposure

	40° C for 1 hour	100° C for 1 hour	150° C for 1 hour	200° C for 1 hour
Peel Strength Change	+13%	-3%	+26%	+70%
Actual Peel Strength (lb/in)	3.6	3.1	4.0	5.5

Bar Code Grade Loss after Heat Exposure

	40° C for 1 hour	100° C for 1 hour	150° C for 1 hour	200° C for 1 hour
	0	1	0	--

** Barcode was unreadable after 200°C/392°F test.*

Abrasion test: Labels were tested with a Taber abrader set at 500g with Calibrase CS-10 wheels. Labels survived 6,000 revolutions while remaining readable with a bar code reader.