

# DuraLabel® Barcode Color Guide

**Achieve the Highest Print Contrast Signals (PCS) for Scanners with DuraLabel Printers and Supplies!** Successful barcode scanning requires sufficient contrast (a high Print Contrast Signal – PCS) between the dark bars and light spaces. Although barcodes can be printed on any color of DuraLabel vinyl and used on any of the 50+ DuraLabel® supplies, certain color combinations are more easily read by scanners.

## Scannable Color Combinations

We used the following equipment and supplies for our color testing:

- DuraLabel PRO 300 label printer
- DuraLabel Premium Vinyl, Reflective Vinyl & Premium Ribbon
- Five types of scanners

Each color combination was tested with all five scanners. The color combinations shown produced high contrast/scannable barcode labels.

### Premium Vinyl & Ribbon combinations tested and verified as scannable<sup>†</sup>

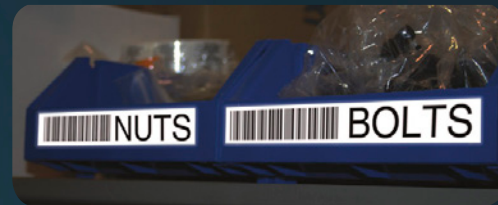
- |                        |                       |                        |                           |
|------------------------|-----------------------|------------------------|---------------------------|
| ▪ Black on White       | ▪ Blue on Yellow      | ▪ Green on Pink        | ▪ Silver Matte on White*  |
| ▪ Black on Yellow      | ▪ Blue on Red         | ▪ Green on Medium Gray | ▪ Silver Matte on Yellow* |
| ▪ Black on Red         | ▪ Blue on Orange      | ▪ Red on White         | ▪ Silver Matte on Orange* |
| ▪ Black on Orange      | ▪ Blue on Medium Gray | ▪ Red on Yellow        | ▪ Silver Matte on Pink*   |
| ▪ Black on Medium Gray | ▪ Blue on Pink        | ▪ Red on Medium Gray   | ▪ Bright Silver on Yellow |
| ▪ Black on Sky Blue    | ▪ Blue on Sky Blue    | ▪ Red on Pink          | ▪ Bright Silver on Pink   |
| ▪ Blue on White        | ▪ Green on White      | ▪ Red on Orange        |                           |

<sup>†</sup>Scanners used in testing: Symbol LS2208, Symbol LS4000i, Datalogic Quickscan, Honeywell 4600g and Honeywell 1900. Barcode font BC C39 3 to 1 HD Medium was used.  
\*Did not work with the Symbol LS2208.

### Reflective Vinyl & Ribbon scannable<sup>†</sup> color combinations

- |                   |                   |
|-------------------|-------------------|
| ▪ Black on Orange | ▪ White on Orange |
| ▪ Black on Red    | ▪ White on Yellow |
| ▪ Black on Yellow | ▪ White on Silver |
| ▪ Black on Silver | ▪ White on Red*   |

<sup>†</sup>Scanners used in testing: Honeywell 4600g and Honeywell 1900. Barcode font BC C39 3 to 1 HD Medium was used.  
\*Did not work with the Honeywell 4600g.



### Non-Scannable Color Combinations

These three color combination examples could not be scanned in our tests.



DuraLabel printers and supplies provide consistent print quality. However, supplies and printers made by other manufacturers may provide different results. For best results, test barcode labels using the scanners that will be used to scan the labels.



### PCS test with the scanner and actual materials to be used.

The results you get may be different, depending on the type and brand of scanner you use. The contrast seen by a scanner may not look the same as what your eyes see. Only testing with the scanner and materials you plan to use will accurately reveal if the barcode will scan.



DuraLabel PRO 300  
Compact - 7.4" x 8" x 12.4"  
Lightweight - 8.5 lbs.



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# Get the Right Printer & Supplies!

DuraLabel printers produce high-quality, legible barcode labels and other application-specific labels and signs.

- More than 30 vinyl colors for color-coding
- 50+ labeling supply types for a wide range of applications
- dBest Barcode Software contains a vast array of barcode fonts that can be used with familiar Microsoft® programs

## DuraLabel PRO 300 Features



“We did a thorough review of the various printers, and selected the **DuraLabel PRO 300** as our internal product of choice. It's **easy to use**, supplies are **in-expensive**, and the support is by far the best...”

*Darcy, Manager,  
Electrical Software Company*

- 300 DPI for crisp, legible labels
- ½" – 4" tape widths for various applications
- Fast print speeds for batch printing
- Sequential printing for easy identification
- Expert customer service at no extra cost!
- 1,600+ safety symbols for OSHA/ANSI compliance
- DuraSuite™ Labeling Software for RTK, arc flash, pipe marking and custom labeling

## Need LARGE Labels?

With DuraLabel printers, you can print from ½" to 9" wide labels and signs up to 50' long. And, with more than 50 specialty supplies, there's a solution for every challenge. **DuraLabel has you covered.**



## Supplies for Barcode Labels

In addition to high-quality premium vinyl and ribbon, specialty supplies are available for printing barcodes to meet a wide range of environmental demands and surface types.

### Reusable and Temporary Tapes:



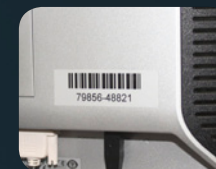
- Magnetic Supply
- Poly Cling Supply
- Repositionable Tapes

### Extreme Temperature Environment Tapes:



- LN2 Poly™ Tapes
- Extreme High-Temp Poly Tapes
- Cold Storage Tapes
- Cryogenic Labels

### Specific Surface and Condition Tapes:



- Electrostatic Dissipative (ESD) Tapes
- Oily Surface Tapes
- Reflective Vinyl Tapes
- High-Tack Tapes
- Conformable Polypropylene Tapes

### Identifying and General-Purpose Tapes:



- Premium Vinyl
- XPressPeel Premium Vinyl
- Extended-Life Vinyl
- Metal Detectable Tapes
- UL 969 Compliant Poly Tapes

### Security/Tampering Tapes:



- Custom UV Watermark Labels
- Tamper-Evident Destructible
- Tamper-Evident "VOID"

For a complete list of DuraLabel supplies visit [DuraLabelSupplies.com](http://DuraLabelSupplies.com)

Check out our complete line of DuraLabel printers at [DuraLabel.com](http://DuraLabel.com)

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