

Barcode Specifications



Dayco Products, LLC.

North America Aftermarket Division

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Change Control

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Shipping/parts Identification label Specifications

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1: Introduction:

These specifications provide guidelines for shipping/parts identification labels for Suppliers shipping to Dayco Products. The labels are designed to improve productivity by allowing for the effective and efficient capture of data.

2: Requirements:

Labels shall be white in color with black printing. Labels size shall be standard 4 inches high by 6 inches wide.

Font shall be upper case Arial Narrow or equivalent, there should be clear differentiation between the letter O and the number 0 (as with a dot or a line in the number 0)

Bar code symbology shall be code 3 of 9

3: Definitions:

Barcode symbol

An array of rectangular bars and spaces that are arranged in a predetermined pattern following specific rules to represent elements of data that are referred to as characters; A bar code symbol typically contains a leading quiet zone, start character, data character(s) stop character and trailing quiet zone.

Code39

Code 39 also known as Code 3 of 9 shall be the symbology as specified by ANSI

Container

A receptacle for shipping goods, ie boxes, totes, trays and racks

Data Identifier

The first character of a barcode (see appendix A for standard identifier codes)

**Element**

A single bar or space in a linear symbol

Element width

The thickness of an element measured from the leading edge of an element to the trailing edge of the same element

Linear Symbol

A one-dimensional bar code symbol (code 3 of 9). A bar code symbol typically contains a leading quiet zone, a start character, data characters a stop character and a trailing quiet zone.

Lines per Block (LPB)

Unit of measure defining the height of text characters (see appendix B for conversion table)

Serial Number

A string of numeric or alphanumeric characters in the issuers information system used to uniquely identify an item. This character string shall not be repeated within 365 days.



Data area Characteristics

1: Data areas and titles:

Separate each data area by thin lines, the title of each area should be placed in the upper left corner. The titles should be approximately .08 inches high

2: Part number, quantity, serial number area:

The human readable part number, quantity and serial number should be a minimum of .25 inches tall and bolded

3: barcoded serial number:

The barcode font for the serial number should be code 3 of 9, The prefix used is "S"

A quiet zone must be maintained around the barcode

The barcoded serial number should be placed below the human readable serial number and be a minimum of .5 inches high.

The serial number should not be repeated with in a calendar year

4: barcoded Part Number:

The barcode font for the barcoded Part Number should be code 3 of 9, The prefix used is "P"

A quiet zone must be maintained around the barcode

The barcoded Part Number should be placed to the right of the human readable Part Number and be a minimum of .5 inches high.

5: barcoded quantity:

The barcode font for the barcoded quantity should be code 3 of 9, The prefix used is "Q"

A quiet zone must be maintained around the barcode

The barcoded quantity should be placed to the right of the human readable quantity and be a minimum of .5 inches high.



6: Ship To/Ship From:

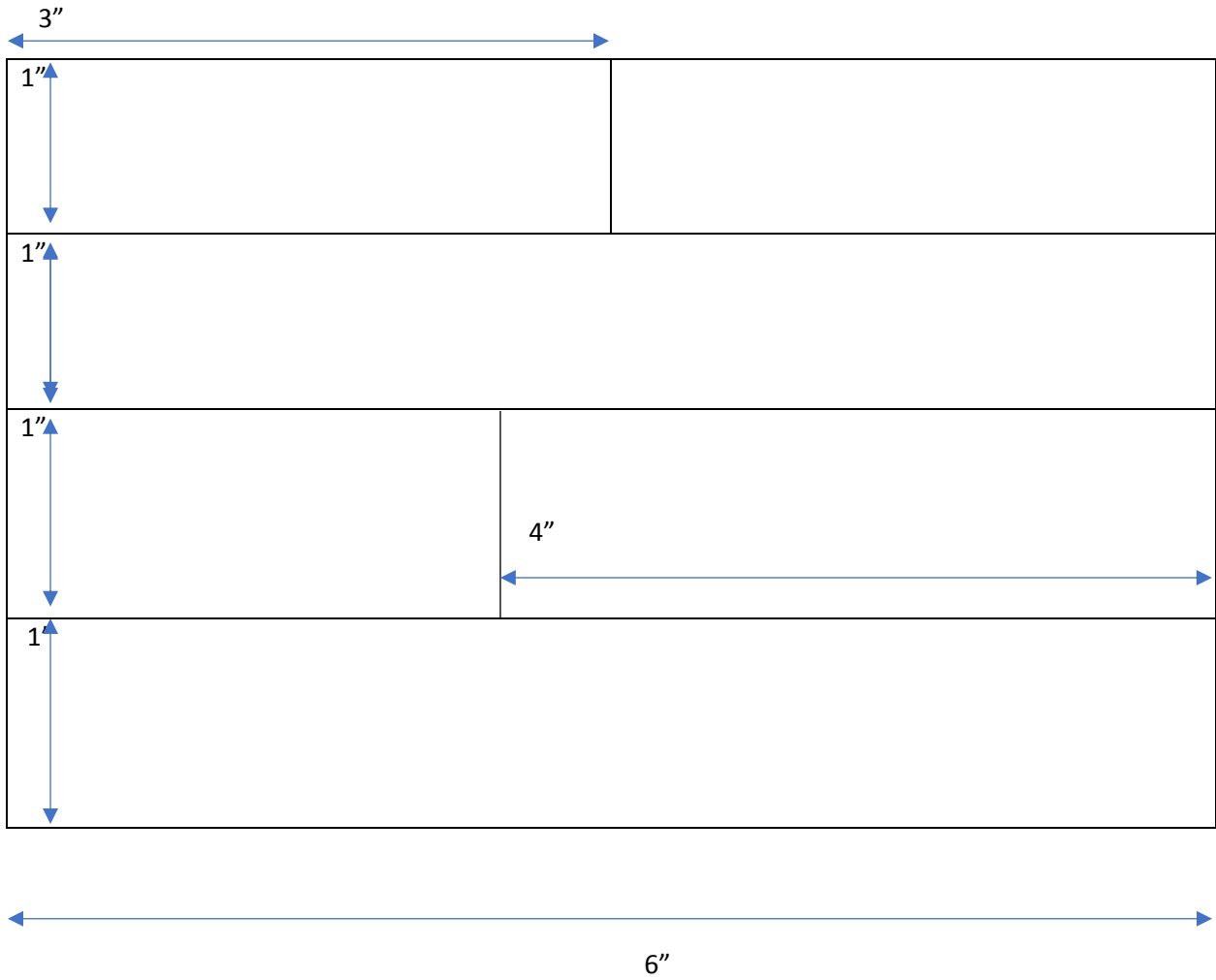
The human readable Ship To and Ship From should be a minimum of .25 inches high.

Example

Not to scale – for illustration purposes only

SHIP FROM SUPPLIER NAME SUPPLIER ADDRESS	SHIP TO DAYCO PRODUCTS 3530 RAINES RD MEMPHIS, TN 38118
PART NUMBER (P) 123456789	
QUANTITY (Q) 20	PO NUMBER 201800005555
SERIAL NUMBER (S) S123456789	
	

General Label Dimensions





Appendix A

Data identifier codes

P	Part Number, Prefix and Base
Q	Quantity
V	Supplier Number
S or 3S	Unique Serial Number – Shipping / Parts Identification Label
4S	Unique Serial Number – Master Label
G	Unique Serial Number – Mixed Load D
1T	Lot number
L	Storage Location
1L	Dock Code



Appendix B

Suggested LPB Character Parameters

LINES PER BLOCK	MAXIMUM CHARACTERS PER LINE	APPROXIMATE POINT HEIGHT	APPROXIMATE HEIGHT IN INCHES	APPROXIMATE HEIGHT IN MILLIMETERS
1 LPB	8	64	0.90	22.0
2 LPB	18	32	0.40	11.0
3 LPB	28	20	0.25	7.0
4 LPB	34	16	0.20	5.0
5 LPB	42	12	0.15	4.0
6 LPB	48	10	0.12	3.0
7 LPB	59	8	0.10	2.0
8 LPB	68	6	0.08	1.5