# Contents

Welcome to Label Design	2
Editing a Standard Format	3
Creating a New Format	4
Freshmarx Fields	5
Freshmarx Properties	6
Working with Text Fields	8
Working with Images	11
Working with Lines	13
Working with Shapes	14
Radio Buttons	15
Store Open/Close Time	17
Using an External Data Source	18
Working with Calculated Fields	21
Grouping Fields	24
Advanced Features	25
Customized Use By	27
Standard Format Library	29
Food Claims Image Library	66
Quick Label Library	68
Donate Format Library	72
Barcodes	76
Codabar Barcodes	76
Code 128 Barcodes	77
Code 39 Barcodes	78
Data Matrix Barcodes	79
Defining Barcode Options	81
GS1 DataBar Barcodes	83
Interleaved 2of5 Barcodes	85
MaxiCode Barcodes	87
PDF417 Barcodes	89
QR Code Barcodes	91
UPCA/EAN Barcodes	93
Working with Barcodes	94

# Welcome to Label Design

Welcome to Label Design. The Label Design application makes it easy for you to edit and create formats.

When you create a format using Label Design it is saved with a .fmx18 file extension.

When Label Design is installed on your computer it includes a library of formats (standard and quick labels) and food claim images. You can learn more about each of these formats in the Standard Format Library, Quick Label Library, and Food Claims Image Library.

We recommend using one of the provided formats as a starting point for your custom format. Use the libraries to find a format close to what you need then use the instructions for editing a standard format to customize.

Review the topic on Creating a New Format and Freshmarx Properties if you choose to create a custom format from scratch.

Legal Notices

Each product and program carries a respective written warranty, the only warranty on which the customer can rely. Avery Dennison reserves the right to make changes in the product, the programs, and their availability at any time and without notice. Although Avery Dennison has made every effort to provide complete and accurate information in this manual, Avery Dennison shall not be liable for any omissions or inaccuracies. Any update will be incorporated in a later edition of this manual.

©2019 Avery Dennison Corporation. All rights reserved. No part of this publication may be reproduced, transmitted, stored in a retrieval system, or translated into any language in any form by any means, without the prior written permission of Avery Dennison.

Trademarks

Freshmarx® and Avery Dennison® are registered trademarks of Avery Dennison Corporation. TCLBLDESHLP\_AL (8/22)

# **Editing a Standard Format**

- 1. Open the Edit application on your PC then select Manage Formats.
- 2. Click on the format you need to edit.
- 3. Click the save icon to save the format to your computer.
- 4. Open Label Design.
- 5. Select File, Open.
- 6. Navigate to the file you saved.
- 7. Click Open.
- 8. Select File, Save As. You must save the format with a new name; standard formats cannot be changed/replaced.
- 9. Make the edits you need.
- 10. Click Save.

<sup>1</sup> File names cannot exceed 127 characters (including the extension).
 <sup>2</sup> File names must only contain Latin characters without accent marks.

See Also: <u>Standard Format Library</u> <u>Quick Label Library</u> <u>Working with Text Fields</u>. <u>Working with Lines</u>. <u>Working with Shapes</u>. <u>Working with Barcodes</u>.

# **Creating a New Format**

- 1. Open Label Design.
- 2. Select File, Create.
- 3. Select your printer.
- 4. Select your label size. The drop down lists standard label sizes for your selected printer. To create a custom label size, select Custom then specify the length and width.
- 5. Select your unit of measure (inches, millimeters, pixels).
- 6. Click Done.
- 7. Select File, Save As. Enter the name of your format then click Save.
- 8. Select your Supply Type; Die Cut, Black Mark, or Continuous.
  - Most Freshmarx supplies are Die Cut.
  - Use Continuous supplies if your label has fields using the Auto Height feature.
  - The supply type you select must be the supply you use in the printer.
- 8. Design your label with the fields you need. Always complete the <u>Freshmarx Properties</u> so your label is shown in Edit.
- 9. Click Save.

 $\star$  <sup>1</sup>File names cannot exceed 127 characters (including the extension).

- <sup>2</sup> File names must only contain Latin characters without accent marks.
- <sup>3</sup> Solid black print cannot exceed 30% of any given square inch of the supply.

See Also:

Editing a Standard Format Working with Text Fields Working with Lines Working with Shapes Working with Barcodes Working with Images

# **Freshmarx Fields**

Label Design includes all fields used on our standard templates. These fields are listed along the left side of your application window, under the heading Freshmarx Fields.

Each field is pre-designed with the <u>Freshmarx Properties</u> needed for your Freshmarx label.

To add a Freshmarx Field to your label,

- 1. Hover your cursor over the field you need.
- 2. Click the Insert button.
- 3. Customize the field properties (font, size, color, placement, etc.) as needed.

# **Freshmarx Properties**

Freshmarx Properties apply to Freshmarx systems only. These fields must be properly defined so your custom format may be added to the Edit application.

The Control of the term of term of

# Label Properties

A Freshmarx label has format properties that enable it to show in the Edit application. Enter **search tags** so your custom format is searchable within the Prep and Edit applications. Drag and drop field names to set the order fields appear in Edit.

# **Field Properties**

Variable fields require Freshmarx Properties.

Name - The prompt you see in Edit Category/Tab/Button properties.

Data Type - Defines the type of data that will populate the field. Options include:

••			
String	Letters, numbers, symbols, punctuation marks		
Integer	Whole numbers (no fractions/decimal places)		
Boolean	Creates a checkbox (yes/no, enable/disable, on/off, etc.)		
Float	Numbers with a fractional value (uses a decimal place, has numbers on both sides of the decimal)		
Date	Month, day, and year		
Date & Time	Month, day, year, hours, and minutes		
Time	Hours and minutes		
Price	Float numbers		
Use By	Proprietary Freshmarx field. Calculates a date or date & time based on integer entry.		
Ready	Proprietary Freshmarx field. Calculates a date or date & time based on integer entry.		
Prep	Proprietary Freshmarx field. Calculates a date or date & time based on the printer's current date and time.		
Value & Unit	Proprietary Freshmarx field. Requires two text fields; one to assign as Value (for example, a nutritional value such as fat), and one to assign as Unit (for example, the abbreviation for grams (g)).		

Data Source - Determines where the field's data comes from. Options include:

User Input The System Administrator or Manager enters this data to be printed on freshness labels. Examples include Description 1, Use-by Description, Ingredients, Allergens, etc.

Calculated	The system calculates the value printed on the label based on the entered use- by duration, etc.
System	Data is pulled from the system. Examples of system source include the Employee ID, date, time, etc. Several formats print Employee ID on a label, but it is not entered within Edit. The Freshmarx system tracks the users logged into Prep and prints their Employee ID on certain formats.
External Data Source	Used when data is pulled from another database, such as the Genesis R&D® database (for Freshmarx Nutrition) or a customer's existing database.

Input Method - Determines if the user enters text or selects from Radio Buttons. User Input must be selected as the Data Source.

**Default Value -** Default text. Can be changed in Edit.

Standard Digits - Select the digits to be entered by the user.

Force Convert - If enabled, digits are converted according to the Standard Digits selection If disabled, the digits entered by the user are used.

Editable - Toggle On so the field is shown in Edit; Toggle Off, so the field may be printed or logged but is not shown in Edit.

Edit at Print - Toggle On to enable the Operator to edit information before printing.

Overridable - Select so the Operator can change the data before printing.

Operator Entered - Select so the field is not shown in Edit; it is only shown before printing in Prep.

Required - Select so the field cannot be blank/empty; it must contain data.

**Auto Height -** Enable to adjust text box length based on contents. This option is best used with fields that contain allergens or ingredients. This option reduces white space on the label. Use with Continuous supply.

## Example

The left side of the image below shows the Description 1 variable text field on a label with its Freshmarx Properties in Label Design. The right side of the image shows how this field is presented on the Button Properties screen in Edit.



# Working with Text Fields

You can insert Text fields on your label. To insert a text field, click the Text button in the toolbar. Use the following properties to customize your text field.

Text fields can be used for various types of data, such as weight, date, or time.

Field Type

- A text field has a field type; Fixed or Variable.
- A Fixed text field is created in Label Design, it's contents (the text you want to appear on the label) is entered in Label Design (in the Data text property). Use a fixed text field when the text won't change from label to label. An example of a fixed text field is your company name or company address.
- A Variable text field is created in Label Design, it's contents (the text you want to appear on the label) is entered in Edit. Use a variable text field when the text changes from label to label. An example of a variable text field might be a product description, caloric content, or serving size. Review Freshmarx Properties to learn more about how your label is shown in Edit.
- Use the Fixed/Variable radio buttons to make your selection.

Characters

- A text field (fixed or variable) can contain a specified number of characters.
- The character limit determines the minimum and maximum number of characters a text field can contain.
- The default is minimum: 0, maximum 1999.

## Data

- Text Field Data is the contents of the text field.
- For a fixed text field the Data is what always appears on the label.
- For a variable text field the Data is default text. The default text can be changed in Edit.
- You can format the text in the Data field using tags. To bold, italicize, or underline individual words, type {b}, {i}, {u} tags before and {/b}, {/i}, {/u} after the word. Two or more tags can be combined: {biu} before and {/biu} after the word.
- You can insert a line break in the text by adding the {x} before it or pressing Enter.

Alignment

- Text Field Alignment is the text field's position on the label.
- The text field can be aligned to the Left, Center, or Right and also to the Top, Middle, or Bottom of the label.
- Select your text field then click on one of the alignment icons to position it.

## Align to

- A text field can be aligned to another field on the label.
- For example, you might create a fixed text field with Data "Price" then right below it you want a variable text field so that an item's price can be entered in Edit.
- To align one text field to another, select the text field you want to move then click the align to icon to position it.

## Position

• When a text field is placed on a label it's location is declared using x and y coordinates.

- Adjust the x position of your text field if you want to move it left or right.
- Adjust the y position of your text field if you want to move it up or down.
- You can type a specific numeric value in the box or use the up/down arrows to make small adjustments.

### Size

- A text field can vary in size.
- Adjust the width of your text field to make it wider or narrower across the label. To easily center text on the label, adjust the width of the text box across the label then use the Justify property to center the text within the box.
- Adjust the height of your text field to make it taller or shorter.
- If you adjust your text box to be too big and it no longer fits on the label you see an
  exclamation point icon next to it's field ID. This means your text could print off the label.

### Rotation

- A text field can be rotated on the label.
- Each text field has an upper right corner origin. When you adjust the text field rotation, it rotates from this point.
- You can rotate a text field 90°, 180°, 270°
- To rotate a text field click and drag the rotation slide bar.

Text Shape

- A text field can align to different shapes. The most common, and default setting is Rectangle, where text follows a straight line.
- You can change the text field shape to ellipse if you want your text to follow a round shape.
- Use the Rectangle and Ellipse radio buttons to make your selection.

### Font

- A text field can use different fonts and have various font sizes.
- Use the font drop down to select the font you want. Roboto is the system's default font.
- Use the Font size drop down to adjust the size of your text

## Style

- Use the Style tools to format your text.
- Click the "B" to make your text bold.
- Click the "I" to make your text *italic*.
- Click the "U" to <u>underline</u> your text.
- Click the "S" to strike through your text.
- You can apply multiple styles to your text. For example, text can be bold and underlined.

## Justify

- Aligns the text within the text box field.
- The text can be aligned to the Left, Center, or Right and also to the Top, Middle, or Bottom of the text box.
- Select your text then click on one of the justify icons to position it.

## Spacing

- You can customize the spacing between characters and between lines of text.
- Adjust the character spacing to increase/decrease the space between each character.
- Adjust the line spacing to increase/decrease the space between each line of text.

Word Wrap

- Word wrap is when the text automatically drops to the next line when it reaches the edge of the text box.
- With word wrap selected, the text within a text box will adjust if the text box is resized.

## Background

- Text can be white or black.
- Select the black text icon for no background color and black text.
- Select the with text icon Aa for a black background and white text.

## Outline

- Your text can have a black outline around it.
- If your text shape is Rectangle there will be a box around your text.
- If your text shape is Ellipse, there will be a round outline around your text.
- To enable an outline click the Outline checkbox. Click the checkbox again to remove the outline.

Opaque/Transparent

- A text field have have a Transparent or Opaque background
- Use the Opaque/Transparent radio buttons to make a selection.
- Selecting the Opaque radio button gives your text field a white background.
- Selecting the Transparent radio button gives your text field no background.

# Working with Images

You can insert image fields on your label. To insert an image field, click the Image button in the toolbar. Use the following properties to customize your image field. Images can the following file types: .PNG , .JPG, .JPEG, .GIF, .BMP

Field Type

- An image has a field type; Fixed or Variable.
- A Fixed image field is created in Label Design, it's contents (the image you want to appear on the label) is entered in Label Design. Use a fixed image when the image won't change from label to label. An example of a fixed image field might be your company logo.
- A Variable image field is created in Label Design, it's contents (the image you want to appear on the label) is entered in Edit. Use a variable image when the image varies from label to label. An example of a variable image field might be a product picture or food claim (gluten free, sugar free, etc.) image. Review Freshmarx Properties to learn more about how your label is shown in Edit.
- Use the Fixed/Variable radio buttons to make your selection.
- <sup>1</sup> File names cannot exceed 127 characters (including the extension).

<sup>2</sup> File names must only contain Latin characters without accent marks.

Length

- A text field (fixed or variable) can contain a specified number of characters.
- The character limit determines the minimum and maximum number of characters a text field can contain.
- The default is minimum: 0, maximum 1999.

Alignment

- Image Field Alignment is the image's position on the label.
- The image field can be aligned to the Left, Center, or Right and also to the Top, Middle, or Bottom of the label.
- Select your image field then click one of the alignment icons to position it.

Position

- When an image field is placed on a label it's location is declared using x and y coordinates.
- Adjust the x position of your image field to move it left or right.
- Adjust the y position of your image field to move it up or down.
- You can type a specific numeric value in the box or use the up/down arrows to make small adjustments.

Size

- An image field can vary in size.
- Adjust the width of your image field to make it wider or narrower across the label.
- Adjust the height of your image field to make it taller or shorter.
- If you adjust your image to be too big and it no longer fits on the label you see an exclamation point icon next to it's field ID. This means your image could print off the label.

✤ <sup>1</sup>The printer cannot image a transparent background; .PNG images using transparency print black in place of the background.

<sup>2</sup>Image field size must be larger (in pixels) than the size of the image (.BMP, .PNG, .JPG, .JPEG).

### Justify

- Aligns the image within the image box.
- The image can be aligned to the Left, Center, or Right and also to the Top, Middle, or Bottom of the box.
- Select your image then click one of the justify icons to position it.

### Opaque/Transparent

- An image field have have a Transparent or Opaque background
- Use the Opaque/Transparent radio buttons to make a selection.
- Selecting the Opaque radio button gives your image field a white background.
- Selecting the Transparent radio button gives your image field no background.

# **Line Properties**

You can add lines to your label. To insert a line, click the Line icon on the toolbar.

- Lines can be horizontal, vertical, or diagonal on the label.
- Click and drag the line endpoints to adjust the length and position of your line.

To further customize lines use the following properties:

## Alignment

- Alignment is the line's position on the label.
- The line can be aligned to the Left, Center, or Right and also to the Top, Middle, or Bottom of the label.
- Select your line then click on one of the alignment icons to position it.

### Align to

- A line can be aligned to another field on the label.
- To align one line to another field, select the line you want to move then click the align to icon to position it. The line moves to the selected position of the next closest field on the label.

From & To

- When a line is placed on a label it's location is declared using x and y coordinates.
- Adjust the From (X1 and Y1) coordinates to move the left endpoint of your line.
- Adjust the To (X2 and Y2) coordinates to move the right endpoint of your line.
- You can type a specific numeric value in the box or use the up/down arrows to make small adjustments.

Thickness

- A line can vary in thickness.
- To adjust the thickness of a line use the up/down arrows.

Review <u>Freshmarx Properties</u> to learn more about how your label is shown in Edit.

# Working with Shapes

You can insert a shape (Rectangle and/or Ellipse) on your label. To insert a Rectangle or Ellipse, click the button in the toolbar. Use the following properties to customize your shape.

Alignment

- Alignment is the shape's position on the label.
- The shape can be aligned to the Left, Center, or Right and also to the Top, Middle, or Bottom of the label.
- Select your shape then click on one of the alignment icons to position it.

#### Align to

- A shape can be aligned to another field on the label.
- To align a shape to another field on the label, select the text shape you want to move then click the align to icon to position it.

Position

- When a shape is placed on a label it's location is declared using x and y coordinates.
- Adjust the x position of your shape if you want to move it left or right.
- Adjust the y position of your shape if you want to move it up or down.
- You can type a specific numeric value in the box or use the up/down arrows to make small adjustments.

#### Size

- A shape can vary in size.
- Adjust the width of your shape to make it wider or narrower across the label.
- Adjust the height of your shape to make it taller or shorter.
- If you adjust your shape to be too big and it no longer fits on the label you see an exclamation point icon next to it's field ID.

#### Thickness

- A shape's outline can vary in thickness.
- To adjust the thickness of an outline use the up/down arrows.

#### Outline

- A shape's outline can be either black or white.
- Use the Outline drop down to select an outline color.

#### Fill

- A shape can have a fill, it can be black, white, or transparent.
- Use the Fill drop down to select the fill.

Review <u>Freshmarx Properties</u> to learn more about how your label is shown in Edit.

# **Radio Buttons**

Text fields can be designed so that they present as radio button options for the user. To add radio button options to a label:

- 1. Open an existing or create a new label.
- 2. Add a new text field to the label.
- 3. Set the following Freshmarx Properties: Data Source = User Input, Input Method = Radio Buttons.
- 4. Click next to Default Values.
- 5. Click New Option.

Radio Buttons Options	
Customize your radio buttons.	
Use as default Name	
No data available	
	CANCEL SAVE

- 6. Enter the option name.
- 7. Repeat steps 5 6 to add all of your options.

Radio Butto	NEW OPTION					
Customize your radio	Customize your radio buttons.					
Use as default	Name					
	Option 1					
	Option 2	_				
	Option 3	_				
	Option 4	-				
	CA	NCEL SAVE				

8. Click Save.

To set a default option click the checkbox to the left of that option.

Radio Buttons Options					
Customize your radio	Customize your radio buttons.				
Use as default	Name				
	Option 1	•			
	Option 2	Ĩ			
	Option 3				
	Option 4				
		CANCEL SAVE			

# Store Open/Close Time

Label Design includes Freshmarx Fields that allow you to print a store's open and close time.

To add the open/close field to your label,

- 1. Under Freshmarx Fields, click the arrow next to Store Information to expand the options.
- 2. Hover your cursor over Opening/Closing Time.
- 3. Click the button to add the field to your label.

Freshmarx Fields +

- Quick Label Fields
- Ready Info
- Recipient
- Store Information

**Closing Time** 

Opening Time 🔄 🗙

Store	A	Add	field	to	label

Store Address 2

Store Address 3

# Using an External Data Source

Our standard formats that contain nutrition information, ingredients, and/or allergen fields can get data from an external data source, currently only for users of Genesis R&D® Food Development and Labeling software by ESHA Research.

# Supported Standard Formats

The standard formats listed include fields that can use data from an external data source.

Format	Ingredients	Allergens	Nutrition
Format 23	N	N	Y
Format 26	Y	Y	N
Format 27	Y	Y	N
Format 28	Y	Y	N
Format 29	Y	Y	N
Format 33	Y	Y	N
Format 34	Y (QR code)	N	N
Format 35	N	N	Y
Format 36	N	N	Y
Format 37	Y	Y	Y
Format 38	Y	Y	Y
Format 39	Y	Y	Y
Format 44	N	N	Y
Format 45	N	N	Y
Format 46	Y	Y	Y
Format 47	Y	Y	Y
Format 70	N	N	Y
Format 72	N	N	Y
Format 74	N	N	Y
Format 76	Y	Y	Y

# **Custom Properties**

The example pictured below demonstrates using an external data source to populate the total fat grams on this label. Under Custom Properties you see the name of the external data source and the value for the selected field.

erve servings per	contai		- 36 6	-
serving Size		Servs	zeval	ue
Calories	Ca	lori	eVa	al
		1 %	Daily Val	ue*
otal Fat 🔤 g				%
Saturated Fat g		-, r~		-%
Trans Fat g		1		
holesterol mg		-		%
odium mg	1			~%
otal Carbohydrates				-%
Dietary Fiber g	ig			~%
Total Sugars g				
Includes g	Adde	d Sugars	1	%
rotein g				_
itamin D i mcg				%
alcium i mg				%
on g		_		%
otassium ing				%
The % Daily Value (DV) tells y erving of food contributes to used for general nutrition a	you how mu a daily die dvice.	t. 2,000 cal	nt in a ories a da	y   
				/

Freshmarx Prop	erties 🚯				
Name	Total Fat				
Data Type	Value & Unit 💌				
Data Source	User Input 💌				
Editable	• 0				
Edit At Print	Overridable Operator Entered Required				
Value					
TotalFatPer	ServValue 🔻				
Unit					
g	•				
TotalFatPer	TotalFatPerServValue 💌				
Custom Propert	ies 🕦				
Name	Value				
ESHA_alias	Fat				
_					

# Keyword for Field Mapping

#	Field Name	Unit of Measure	ESHA Alias
1	Ingredients		Ingredients
2	Allergens		Allergens
3	Servings Per Container		ServingsPerCont
4	Serving Size		ServingSize
5	Calories		Calories
6	Total Fat	g	Fat
7	Total Fat, %	%	Fat%
8	Saturated Fat	g	SatFat
9	Saturated Fat, %		SatFat%
10	Trans Fat	g	TransFat
11	Polyunsaturated Fat	g	PolyunsatFat
12	Monounsaturated Fat	g	MonounsatFat
13	Cholesterol	mg	Cholesterol
14	Cholesterol, %		Cholesterol%

15	Sodium	mg	Sodium
16	Sodium, %		Sodium%
17	Total Carbohydrates	g	TotalCarbohydrates
18	Total Carbohydrates, %		TotalCarbohydrates%
19	Dietary Fiber	g	DietaryFiber
20	Dietary Fiber, %		DietaryFiber%
21	Total Sugars	g	Sugars
22	Added Sugars	g	AddedSugars
23	Added Sugars, %		AddedSugars%
24	Protein	g	Protein
25	Vitamin D	mcg	VitD
26	Vitamin D, %		VitD%
27	Calcium	mg	Calcium
28	Calcium, %		Calcium%
29	Iron	g	Iron
30	Iron, %		Iron%
31	Potassium	mg	Potassium
32	Potassium, %		Potassium%
33	Thiamin, %		Thiamin%
34	Riboflavin, %		Riboflavin%
35	Niacin, %		Niacin%
36	Fat	g	Fat
37	Fat, %		Fat%
38	+ Trans	g	TransFat
39	+ Trans, %		TransFat%
40	Fibre	g	DietaryFiber
41	Fibre, %		DietaryFiber%
42	Sugars	g	Sugars
43	Sugars, %		Sugars%
44	Iron	mg	Iron

# Working with Calculated Fields

A format can contain calculations. To achieve a calculated field you need a combination of printed field(s), non-printed fields (Label Resources), and JavaScript coded formulas. This feature is for advanced users. Contact us for support.

# Label Resources

Label Resources are fields added to a format that do not print.

Use label resources to create calculated fields.



# Formulas

A 9418 format can use JavaScript code for calculating field values. The calculated fields can be used for both Printed and Non-Printed Fields.

JavaScript is used to write formulas. Each script must begin with an equal symbol (=) followed by the JavaScript command. This formula is added to the field value property.

Example 1: ="Text1: " + " Text 2"

Value will be "Text1: Text 2"

Example 2: =new Date().toLocaleString()



To get the value for:

- a Printed field use the following code: =local.GetValue("Intvar.TextPlusUserInput")
   Where "TextPlusUserInput" is the name of Printed Field
- a **Non-Printed Field** use the following code: local.GetValue("var.FieldForUserInput") Where "FieldForUserInput" is the name of Non-Printed Field

# Additional Example

This example shows how to use specific letters to represent days of the week, such as R = Monday, G =Tuesday, B = Wednesday, Y = Thursday and Friday, O = Saturday. In this example the letter Y is used twice and there is no Sunday.

Add a new text field to the label, use the following Freshmarx Properties:	
Freshmarx Properties 🕕	

Freshmarx Properties (	D
Name	DayOfWeekLetter
Data Type	String •
Data Source	Calculated 💌
Formula	=func(); function func(){    date = new Date();    day = date.getDay();
Editable	<b>(</b>
Edit At Print	Overridable

Paste the following code into the Formula field:

```
=func();
function func() {
    date=new Date();
```

```
day=date.getDay();
    switch(day) {
        case 1: return "R";
        case 2: return "
                                   G";
                                                В";
        case 3: return "
                                                                      Y";
        case 4: case 5: return "
                                                                           0";
        case 6: return "
        default: return "";
    }
}
To add some days from now:
=func();
function func() {
    date=new Date();
    date.setDate(date.getDate() + 1);
    day=date.getDay();
    switch(day) {
        case 1: return "R";
        case 2: return "
                                   G";
        case 3: return "
                                                В";
        case 4: case 5: return "
                                                                      Y";
                                                                           0";
        case 6: return "
        default: return "";
    }
```

}

# **Grouping Fields**

Group fields to make them easier to position on your label. Grouped fields display together, under a Group Name in Edit.

Grouped Text Fields in Label Design		C	Grouped Text Fields in Edit				
Pomat Pro Name Type Desc2 Desc3 PREP EmpValue Editable	EXAMPLE GROUP NAME Variable • Ø Group •		Printer  Left  Right Format Format 1_MODIFIED  EXAMPLE GROUP NAME Description 3				PREVIEW LABEL
02/10/2015 11:28 AM MUST USE BY 10/15/19	int Overridable		Description 2	User input 👻	В	I	<u>U</u>
10:20 AM	Required		Description 1	User input 👻	В	I	<u>U</u>
				User input 👻	В	I	U

To group fields,

1. Use ctrl + CLICK on your keyboard to select multiple fields from the field list.



- 2. Click the Group button Group
- 3. Under Freshmarx Properties, enter the group's Name (and any other necessary properties).

To ungroup fields,

1. Select the group.



2. Click the Ungroup button <sup>Ungroup</sup>

# **Advanced Features**

Use the following information to create advanced custom formats. We created Demo Format A to show some advanced features. Contact Service to download Demo Format A (as well as other demo formats).

Demo Formats provide examples of specific Label Design features.

Advanced Features require a basic understanding of JavaScript.

Demo Format A includes Total Price (multiplies PricePerGram \* Weight), a specific ingredient selection (meat vs no meat) with a corresponding Food Claim image (Grass Fed Beef vs. Vegetarian). You can create a custom format based on Demo Format A to duplicate these features.

# Label Resources

Label Resources are fields on a label used in a function or calculation. Label Resources can include non-printed fields and images.

## Non-Printed Fields

Non-printed fields are used to store information needed by another field on a label.

For example, a label is used on a package of grab-and-go lasagna. The lasagna is priced based on weight. This label includes one non-printed field; PricePerGram. This price is entered in Edit. The weight field data is entered at the time of printing (in Prep). A third field on the label, Total Price, is the result of PricePerGram multiplied by Weight. Total Price is NOT shown in Edit but is printed on the label.

To achieve the calculated Total Price, use the following JavaScript function:

```
=f();
function f() {
    return local.GetValue("var.Currency") + " " +
parseFloat(local.GetValue("Intvar.NetWeightValue")) *
local.GetValueAsFloat("var.PricePerGram")
}
```

```
Images (as Label Resources)
```

When an image is added as a Label Resource the image is part of the label but isn't always printed.

For example, you could add two images as Label Resources for the lasagna label mentioned above. One image could be used to signify vegetarian lasagna and one for meat lasagna. A third image field is placed on the label using a FUNCTION. The function, in this example, says in Edit, if

the "Contains Meat" checkbox (boolean field type) is checked, then the image for Grass Fed Beef is printed on the label. If this checkbox is unchecked, the Vegetarian image is printed on the label.

```
The JavaScript below is placed in the Formula attribute.
```

```
=f();
function f() {
    if(local.GetValueAsBool("var.ContainsMeatCheck"))
        return local.GetImagePath("meat")
    else
        return local.GetImagePath("vegetarian")
}
```

# **Boolean Fields**

The "Contains Meat" checkbox mentioned above is a Boolean Field. A Boolean Field has only two possible values; true or false (on/off, yes/no, etc.).

Demo Format A has a Boolean Field to let consumers know if the item contains meat or is vegetarian. Also in this example, the checkbox appears to the Prep operator at time of printing. Refer to Demo Format B for an additional example using boolean fields.

# **Demo Format A Images**

Lasagna	Lasagna
V	
Net Weight: 1 g Price: <b>\$9.99</b>	Net Weight: 1 g Price: <b>\$9.99</b>

# **Customized Use By**

You can create a custom format that prints a customized use by date. By default (and in our standard formats), the Use By date is calculated based on the current time/date when the label is printed. For example, in Edit you enter Use By data as 3 days. If you print the label on June 1, 2022, the Use By date will be June 4, 2022. A customized Use By data can be based on any date field on the label. For example, you create a custom format that uses the Ready field. The Use By field can be customized to use the Ready field instead of the current date/time. You are preparing pickled onions. The pickled onions are prepared on June 1, 2022 but need to marinate for 2 days. The Ready date for the pickled onions is June 3, 2022. Once the onions are ready they must be used within 4 days. Set the Use By field to Calculate Based On Ready then in Edit set the Use By duration to 4 days. The label prints showing the use by date as June 7, 2022.

To customize the Use By calculation

1. Use the Freshmarx fields to add the Use By group to your label.

Freshmarx Fields + Day of Week Image 1.2" Day of Week Image 2.2" Shelf Life Duration (Text Field) Use By 1.2" (Name Date Time) Use By 2.2" (Name Date Time) Use By 2.2" (On one line) Use By Day of Week Use By Day of Week Alt1 Use By Day of Week Alt2

2. Add another date field to the label. We recommend using Freshmarx Fields to add the Prep or Ready group if you want your Use By date based on one of these fields.

3. Select the Use By group.

4. Set the Calculate Based On to the date field you want to use. In the image below Intvar.Group2 =

Use By Description	MUST USE BY			
Use By Duration	Days 0	Hours 0	Minutes 0	
Calculate Based On	Printing D	ate&Time	•	
Use End Of Dav	Printing Date&Time			
Description	Intvar	Group2		

the Ready group of fields on the label.

# **Standard Formats**

Listed below is each standard format included with Label Design. You can use these formats as-is using the Edit application. If you find a format that needs a few small modifications, use Label Design to make those changes.

Format 1 Description 1 Description 2

Description 2 Description 3 PREP EMPL MM/DD/YY HH:MM:PM MUST USE BY HH:MM:PM MM/DD/YY	1.2" 30mm x x 28mm 1.1"
Format 2	
Description 1 Description 2 PREP EMPL MM/DD/YY HH:MM:PM READY MM/DD/YY HH:MM:PM MUST USE BY MM/DD/YY HH:MM:PM	1.2" 30mm x x 28mm 1.1"
Format 3	
Description 1 Description 2 PREP MM/DD/YY MUST USE BY MM/DD/YY HH:MM:PM	2.2" 56mm x x 28mm 1.1"
Format 4	
Description 1 Description 2	
PREP MM/DD/YY HH:MM:PM	2.2" 56mm x x 38mm
MUST USE BY MUST USE BY	1.5"
MM/DD/YY HH:MM:PM EMPL	

#### Format 5



2.2" 56mm x x 1.5"

2.2"

3.0"

Х

56mm x

76mm

Format 6

# DAY OF WEEK

ITEM: Description 1

SHELF LIFE: Shelf Life

PREP MM/DD/YY HH:MM:PM

MUST USE BY MM/DD/YY HH:MM:PM

EMPLOYEE: EMPL

#### Format 7

Description 1 Description 2			
PREP MM/DD/YY	PREP HH:MM:PM		
MUST USE BY MM/DD/YY	MUST USE BY HH:MM:PM		
EMP: EMPL			
DAY	OF WEEK		

ງ ງ"	
Ζ.Ζ	56mm x
х	0011111
	51mm
2.0"	



#### Format 9

Description 1 DISCARD HH:MM:PM MM/DD/YY

Prepared: MM/DD/YY HH:MM:PM

Format 10

## Store Name Description 1 Description 2

INGREDIENTS: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere congue vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum convallis sollicitudin. Ut vitae nisi in ligula condimentum tempor. Aenean vulputate felis dolor, at cursus purus tristique id. Sed viverra neque sed leo vehicula, eget tincidunt lacus tincidunt. Aenean vehicula, odio non mollis imperdiet, sapien metus hendrerit est, sit amet facilisis

#### ALLERGENS:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermen



- 1.2" x 30mm x 1.1"
- 1.2" x 30mm x 1.1"

2.2" x 56mm x 4.0"

## **Store Name**

## Description 1 Description 2 Description 3

#### INGREDIENTS:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere congue vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum convallis sollicitudin. Ut vitae nisi in ligula condimentum tempor. Aenean vulputate felis dolor, at cursus purus tristique id. Sed viverra neque sed leo vehicula, eget tincidunt lacus tincidunt. Aenean vehicula, odio non mollis imperdiet, sapien metus hendrerit est, sit amet facilisis

2.2" 56mm x x 102mm 4.0"

#### MUST USE BY MM/DD/YY

Net Weight

Price

Format 12

## Store Name

#### Description 1 Description 2 INGREDIENTS:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere congue vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum convallis sollicitudin. Ut vitae nisi in ligula condimentum tempor. Aenean vulputate felis dolor, at cursus purus tristique id. Sed viverra neque sed leo vehicula, eget tincidunt lacus tincidunt. Aenean vehicula, odio non mollis imperdiet, sapien metus hendrerit est, sit amet facilisis

MUST USE BY MM/DD/YY
Net Weight Price

2.2" 56mm x x 76mm 3.0"



### Description 1 Description 2

#### INGREDIENTS:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere congue vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum convallis sollicitudin. Ut vitae nisi in ligula condimentum tempor. Aenean vulputate felis dolor, at cursus purus tristique id. Sed viverra neque sed leo vehicula, eget tincidunt lacus tincidunt. Aenean vehicula, odio non mollis imperdiet, sapien metus hendrerit est, sit amet facilisis. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus

non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere congue vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor

#### ALLERGENS:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermen



າ າ"		Max Image
Ζ.Ζ	56mm x	Size
X 4 O"	152mm	(pixels):
0.0		426 x 122



#### Description 1 Description 2 Description 3

#### INGREDIENTS:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliguam ac ligula sit amet felis posuere conque vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum convallis sollicitudin. Ut vitae nisi in ligula condimentum tempor. Aenean vulputate felis dolor, at cursus purus tristique id. Sed viverra negue sed leo vehicula, eget tincidunt lacus tincidunt. Aenean vehicula, odio non mollis imperdiet, sapien metus hendrerit est, sit amet facilisis. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere conque vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum convallis sollicitudin. Ut vitae nisi in ligula condimentum tempor. Aenean vulputate felis dolor, at cursus purus tristique id. Sed viverra neque sed leo vehicula, eget tincidunt lacus tincidunt. Aenean Sed bibendum Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et Nullam finibus nisi non elementum

#### ALLERGENS:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermen



Format 15

ວ ວ"		Max Intage
Ζ.Ζ	56mm x	Size
х 7 О"	178mm	(pixels):
7.0		426 x 122

May Image



#### Description 1 Description 2 Description 3

#### **INGREDIENTS:**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliguam ac ligula sit amet felis posuere conque vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum convallis sollicitudin. Ut vitae nisi in ligula condimentum tempor. Aenean vulputate felis dolor, at cursus purus tristique id. Sed viverra neque sed leo vehicula, eget tincidunt lacus tincidunt. Aenean vehicula, odio non mollis imperdiet, sapien metus hendrerit est, sit amet facilisis. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere conque vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum convallis sollicitudin. Ut vitae nisi in ligula condimentum tempor. Aenean vulputate felis dolor, at cursus purus tristique id. Sed viverra neque sed leo vehicula, eget tincidunt lacus tincidunt. Aenean Sed bibendum Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et Nullam finibus nisi non elementum

2.2" Max Image 2.2" 56mm x Size x 203mm (pixels): 8.0" 426 x 122

ALLERGENS: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermen



### Format 16




**Description 1 Description 2 Barcode 1 Description** 



ALLERGENS: Lorem ipsum dolor sit amet, consectetur adipiscing elit.



ADDRESS LINE 2/PHONE NUMBER

		Max Image
2.2"	E4mm v	Size
х	102mm	(pixels):
4.0"		426 x 122 &
		112 x 112

Format	18
--------	----

FUIIIat To					
		PREP MM/DD/YY Net Weight			
Description 1 Description 2					
			4.0"		Max Image
INGREDIENTS:Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermen Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet		4.0 X 2.2"	102mm x 56mm	Size (pixels): 487 x 104	
ALLERGENS:Lorem ipsum dolor sit amet, consectetur adipiscing elit.					
Price BEST BY MM/DD/YY	ADDRESS LINE 1 ADDRESS LINE 2 PHONE NUMBER WEB ADDRESS	0 <sup>112345</sup> 678912			

	Prepared MM/DD/YY			
Descripti	on 1			
Descripti	on 2		Max Image	
INGREDIENTS: Lorem ipsum dolor sit amet, collaboret lacus vel fringilla. Duis erat fermen Lorem ipsum dolor Sed varius laoreet lacus vel frince         CONTAINS:       Lorem ipsum dolor sit amet, contrains:         Lorem ipsum dolor sit amet, contrains:       ADDRESS L         ADDRESS L       ADDRESS L	onsectetur adipiscing elit. Sed varius lacinia sem tortor, sit amet dapibus r sit amet, consectetur adipiscing elit. ngilla. Duis lacinia sem tortor, sit amet sectetur adipiscing elit. INE 1 INE 1	4.0" x 2.2"	102mm x 56mm	Sizes (pixels): 386 x 104 & 102 x 102
Format 20 Description 1				
Nutrition Facts         Serving Size         Servings Per Container         Amount Per Serving         Calories       Calories from Fat         % Daily Value *         Total Fat         Saturated Fat         Trans Fat         Cholesterol         Sodium         Total Carbohydrates         Dietary Fiber         Sugar         Protein         Vitamin A       * Vitamin C         Calcium       * Iron         * Percent Daily Values are based on a 2,000         Calorie diet. Your Dail Values may be higher or lower depending on your calorie needs.		2.2" x 3.0"	56mm x 76mm	

Store Name Description 1 Description 2
Nutrition Facts
Serving Size Servings Per Container
Amount Per Serving
Calories Calories from Fat % Daily Value *
Total Fat Saturated Fat Trans Fat
Cholesterol Sodium Total Carbohydrates Dietary Fiber
Sugar
Protein
Vitamin A * Vitamin C
Calcium <sup>"</sup> Iron
* Percent Daily Values are based on a 2,000 Calorie diet. Your Dail Values may be higher or lower depending on your calorie needs.
$ \begin{bmatrix} 1 \\ 12345 \\ 07891 \end{bmatrix} $
STORE ADDRESS LINE 1 ADDRESS LINE 2/PHONE NUMBER

2.2" x 56mm x 4.0"

Store Name Description 1 Description 2 Nutrition Facts Calories Calories from Fat % Daily Value * Total Fat Saturated Fat Trans Fat Cholesterol Sodium Total Carbohydrates Dietary Fiber Sugar Protein * Vitamin C Calcium * Iron (INGREDIENTS) Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentumid. Lorem ipsum dolor sit amet, consectetur (ALLERGENS)Lorem ipsum dolor sit amet, consectetur (ALLERGENS)Lorem ipsum dolor sit amet, consectetur UT adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentumid. Lorem ipsum dolor sit amet (ALLERGENS)Lorem ipsum dolor sit amet, consectetur UT adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentumid. Lorem ipsum dolor sit amet (ALLERGENS)Lorem ipsum dolor sit amet, consectetur	2.2" x 4.0"	56mm x 102mm	
MUST USE BY MM/DD/YY Net Weight Price STORE ADDRESS LINE 1 ADDRESS LINE 2/PHONE NUMBER			

Nutrition Facts         Servings Per Container         Serving Size         Amount Per Serving         Calories         % Daily Value *         Total Fat         Saturated Fat         Trans Fat         Cholesterol         Sodium         Total Carbohydrates         Dietary Fiber         Sugar         Includes xx Added Sugars         Protein         Vitamin D         Calcium         Iron         Potassium         * Percent Daily Values are based on a 2,000 Calorie diet. Your Daily Values may be higher or lower depending on your calorie needs.	2.2" x 4.0"	56mm x 102mm	
Format 24 Description 1 MUST USE BY MM/DD/YY HH:MM:PM 0 12345 67891 2	2.2" x 1.1"	56mm x 28mm	
Format 25 Description 1 MM/DD/YY HH:MM:PM MUST USE BY DAY OF WEEK MM/DD/YY HH:MM:PM	2.2" x 1.1"	56mm x 28mm	

Description 1 Description 2		
Net Weight MUST USE BY MM/DD/YY Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Uivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere congue vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et pisum dolor sit amet, consectetur adipiscing elit. Sed viverra neque sedleo vehicula, eget tincidunt lacus tincidunt Aenean vehicula, odio non molis imperdiet, sapien metus hendrerit est, sit amet felis. Lorem ipsum dolor sit amet dapibus erat fermentum just lacerat. Phasellus eu efficitur mauris. Sed lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Anean vehicula, odio non molis imperdiet, sapien metus hendrerit est, sit amet facilisis. Lorem ipsum dolor sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt lacus tincidunt ALLERGENS: Lorem ipsum dolor sit amet, consectetur STORE ADDRESS LINE 1 ADDRESS LINE 1/PHONE NUMBER	2.2" 56mm x x 152mm 6.0"	Max Ima Size (pixels): 426 x 12

Description 1



Prepared On MM/DD/YY



Price

### **INGREDIENTS:**

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere congue vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum convallis sollicitudin. Ut vitae nisi in ligula condimentum tempor. Aenean vulputate felis dolor, at cursus purus tristique id. Sed viverra neque sed

### ALLERGENS:

Lorem ipsum dolor sit amet, consectetur

Net Weight USE BY MM/DD/YY

ADDRESS LINE 1 ADDRESS LINE 2 ADDRESS LINE 3

Format 28

2.2" Max Image 2.2" 56mm x Size x 102mm (pixels): 203 x 102









USE BY MM/DD/YY

### INGREDIENTS:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere congue vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum convallis sollicitudin. Ut vitae nisi in ligula condimentum tempor. Aenean vulputate felis dolor, at cursus purus tristique id. Sed viverra neque sed

### ALLERGENS:

Lorem ipsum dolor sit amet, consectetur

STORE NAME ADDRESS LINE 1 ADDRESS LINE 2 ADDRESS LINE 3

### Format 30

Store Name Description 1 Description 2						
Nutrition						
Typical values	100g contains	Each serving (XX g) contains				
Energy	kJ	kJ				
	kcal	kcal				
Fat	g	g				
of which saturates	g	g				
Carbohydrate	g	g				
of which sugars	g	g				
Fibre	g	g				
Protein	g	g				
Salt	g	g				

2.2"

4.0"

Х

56mm x

102mm

Max Image

426 x 122 &

102 x 102

Sizes

(pixels):

2.2" 56mm x x 76mm 3.0"

<b>Store Name</b> Description 1 Description 2						
Nutrition						
Typical values	100g contains	Each serving (XX g) contains				
Energy	kJ kcal	kJ				
Fat	g	g				
of which saturates	g	g				
Carbohydrate	g	g				
of which sugars	g	g				
Fibre	g	g				
Salt	g	g				
Prep: MM/DD/∖		1				
$ \begin{bmatrix} 1 \\ 1 \\ 1 \\ 1 \\ 2 \end{bmatrix} \begin{bmatrix} 1 \\ 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 1 \\ 2 \end{bmatrix} \begin{bmatrix} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$						
MUST	USE BY MM/C	D/YY				
Net Weight Price						

STORE ADDRESS LINE 1 ADDRESS LINE 2/PHONE NUMBER

Format 32

2.2" 56mm x x 102mm 4.0"

### Store Name Description 1 Description 2

### Nutrition

Typical values	100g contains	Each serving (XX g) contains
Energy	kJ	kJ
	kcal	kcal
Fat	g	g
of which saturates	g	g
Carbohydrate	g	g
of which sugars	g	g
Fibre	g	g
Protein	g	g
Salt	g	g

(INGREDIENTS) Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentumid. Lorem ipsum dolor sit amet

(ALLERGENS)Lorem ipsum dolor sit amet, consectetur



Net Weight Price

STORE ADDRESS LINE 1 ADDRESS LINE 2/PHONE NUMBER

Format 33

# Store Name

# Description 1

Description 2

### INGREDIENTS:

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere congue vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat.

ALLERGENS: Lorem ipsum dolor sit amet

### USE BY MM/DD/YY

Net Weight

Price

2.2" x 56mm x 4.0" 50mm x





Description 1 Description 2 <b>Nutrition Facts</b>
Servings Per Container
Serving Size
Amount Per Serving
Calories
% DV*
Total Fat
Saturated Fat
Trans Fat
Polyunsaturated Fat
Monounsaturated Fat
Sodium
Total Carbohydrate

\* Percent Daily Values are based on a 2,000 Calorie diet. Your Dail Values may be higher or lower depending on your calorie needs.

Format 36

Protein

2.2" 56mm x x 76mm 3.0"

Store Name Description 1 Description 2 Nutrition Facts ervings Per Container		
Solving GLC         Calories         % DV*         Total Fat         Saturated Fat         Trans Fat         Cholesterol         Sodium         Total Carbohydrate         Dietary Fiber         Total Sugars         Includes xx Added Sugars         Protein         Vitamin D         Calcium         Iron         Potassium         * Percent Daily Values are based on a 2,000 Calorie diet.         Your Dail Values may be higher or lower depending on your calorie needs.	2	2.2" x 56mm x 4.0" 102mm
ADDRESS LINE 1 ADDRESS LINE 1		

Store Name Description 1 Description 2
Nutrition Facts
Servings Per Container
Serving Size
Amount Per Serving
Calories
% DV*
Total Fat
Saturated Fat
Trans Fat
Cholesterol
Sodium
Total Carbohydrate
Dietary Fiber
Total Sugars
Includes xx Added Sugars
Protein
Vitamin D
Calcium
Iron
Potassium
<ul> <li>Percent Daily Values are based on a 2,000 Calorie diet.</li> <li>Your Dail Values may be higher or lower depending on your calorie needs.</li> </ul>

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere congue vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum convallis sollicitudin. Ut vitae nisi in ligula condimentum tempor. Aenean vulputate felis dolor, at cursus purus tristique id. Sed viverra neque sed



Good through MM/DD/YY ADDRESS LINE 1

Format 38

2.2" 56mm x x 152mm 6.0"



lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere congue vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum convallis sollicitudin. Ut vitae nisi in ligula condimentum tempor. Aenean vulputate felis dolor, at cursus purus tristique id. Sed viverra neque sed

### **Nutrition Facts**

Servings Per Container Serving Size

Amount Per Serving
Calories
% DV*
Total Fat
Saturated Fat
Trans Fat
Cholesterol
Sodium
Total Carbohydrate
Dietary Fiber
lotal Sugars
Includes xx Added Sugars
Protein
Vitamin D
Calcium
Iron
Potassium
* Percent Daily Values are based on a 2,000 Calorie diet.
calorie needs.
0 12345 67891 2
Net Weight Good through MM/DD/YY ADDRESS LINE 1 ADDRESS LINE 2

2.2" Max Image 56mm x Size x 203mm (pixels): 406 x 112

Description 1 Description 2 Made MM/DD/YY Price
Nutrition Facts
Servings Per Container
Serving Size
Amount Per Serving
Calories
% DV*
Total Fat
Saturated Fat
Cholesterol
Sodium
<u>Total Carbohydrate</u>
Total Sugars
Includes xx Added Sugars
Protein
Vitamin D
Iron
Potassium
* Percent Daily Values are based on a 2,000 Calorie diet.
calorie needs.
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentum id. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Mauris viverra turpis et mauris auctor sodales. Duis tincidunt commodo ligula, vitae aliquet massa tempus sed. Aliquam ac ligula sit amet felis posuere congue vel sed sem. Nulla porta condimentum enim, et dapibus ipsum lacinia tincidunt. Etiam et facilisis risus. Nullam finibus nisi non elementum placerat. Phasellus eu efficitur mauris. Sed bibendum convallis sollicitudin. Ut vitae nisi in ligula

convallis sollicitudin. Ut vitae nisi in ligula condimentum tempor. Aenean vulputate felis dolor, at cursus purus tristique id. Sed viverra neque sed



Net Weight Good through MM/DD/YY ADDRESS LINE 1 ADDRESS LINE 2

າ າ"		Max Image
Ζ.Ζ	56mm x	Size
х о ∩"	203mm	(pixels):
0.0		406 x 112

### Store Name Description 1

## Description 2

### NUTRITION INFORMATION Servings per pack Serving Size

	Quantity per Serve	Quantity per 100g
Energy (kJ)	kJ	kJ
Protein (g)	g	g
Fat - Total (g)	g	g
-Saturated (g)	g	g
Carbohydrate - Total (g)	g	g
-Sugars (g)	g	g
Sodium (mg)	mg	mg

### Format 41

<b>Store N</b> Descrip Descrip	<b>lame</b> ition 1 ition 2	
NUTRITION INFOR Servings per pack Serving Size	RMATION	
	Quantity per Serve	Quantity per 100g
Energy (kJ) Protein (g) Fat - Total (g) -Saturated (g) Carbohydrate - Total (g) -Sugars (g) Sodium (mg)		
Prep: MM/DD/YYYY	67891 BY MM/DD/ Pri RESS LINE 1 /PHONE NUM	

Format 42



2.2" x 56mm x 4.0"



MUST MM Price	<b>USE BY</b> //DD/YY			
rmat 44 The serving size 1/6 cup (28g) Calories per serving 1/6 cup (28g) Calories 90	Amount/serving % D V Total Fat 2g 3% Sat Fat 1g 5% Trans Fat 0.5g Cholesterol 10mg 3% Sodium 200mg 9% Vitamin D 0% Calcium 6%	ke \$1.99 ng Net Wt. 5 oz <u>Amount/serving %DV</u> <u>Total Carbs 15g 5%</u> <u>Dietary Fiber 0g 0%</u> Total Sugars 14g Incl. 13g Added Sugars26% <u>Protein 3g</u> Iron 6% Potassium 10%	2.2" x 56mm x x 102mm 4.0"	Max Imag Size (pixels): 112 x 112

2.2" 56mm x Х 102mm 4.0"

### **Description 1**

Store Name STORE ADDRESS LINE 1 ADDRESS LINE 2/PHONE NUMBER

### NUTRITION INFORMATION Servings per pack

**Serving Size** 

	Quantity per Serve	Quantity per 100g
Energy (kJ)		
Protein (g)		
Fat - Total (g)		
-Saturated (g)		
Carbohydrate - Total (g)		
-Sugars (g)		
Sodium (mg)		

INGREDIENTS: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentumid. Ut ut tellus et urna finibus dictum. Vivamus non diam in urna semper eleifend. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed

ALLERGENS: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed varius laoreet lacus vel fringilla. Duis lacinia sem tortor, sit amet dapibus erat fermentumid. Ut ut tellus et urna finibus

₹	Chocolate Cupcake Butter Cream Icing	\$1.99 Net Wt. 5 oz.			
Nutrition Fact Amount per servin DV), Trans Fat 0g, Carb. 2g (1% DV), Sugars, 4% DV), F Potas. (6% DV). 170 Monarch Lane Mamileburg, OH 45	S Servings: 12, Serv. Size: 1 mint (2g g: Calories 5, Total Fat 0g (0% DV), Cholest. 0mg (0% DV), Sodium 0mg (0 Fiber 0g (0% DV), Total Sugars 2g (incl. Protein 0g, Vit D (0% DV), Calcium (0% D	). Sat. Fat 0g (0% )%DV), Total . 2g Added DV), Iron (0% DV), Use By 02/28/18	2.2" x 4.0"	56mm x 102mm	
Format 46 Nutri Compare Choca Conserving size Calories Conserving size Calories	tion Trans Fat 0.5g 2% Saturated Fat 1.5g 2% Trans Fat 0.5g 7% Trans Fat 0.5g 7% Tra	way         30aity Value           bohydrates         35.           Fiber         29           7%         Hit you low much a           ugars         19           s 1g         Added Sugars           25         13 Added Sugars           26         25%           10%         Potassium           10%         Potassium           10%         Stable Social West Falm Oft, Bostose, Vepetable Gillen, Bibling Social Social microsoft Loctions, Meart Galen, Meart Ga	2.2" x 8.0"	56mm x 204mm	Max Image Size (pixels): 112 x 112
Format 47					



Cobb Salad			
Nutrition			
Typical Values 100 g Each serving			
contains (xxg) contains			
Energy 963KJ 433KJ 235koal 105koal			
Fat 1.5g 0.7g			
of which saturates 0.3g 0.1g			
arbohydrates 45.5g 3.8g			
f which sugars 20g 1.7g			
lbre 2.8g 1.2g			
rotein 7.7g 3.4g			
Salt 1.0g 0.4g			
Protein 3g			
tamin D. Omon. 0%			
aloum 205mg 45%			
ron 5g 45%			
otassium 237mg 6%			Max
"The % Daily Value (DV) tells you how much a nutrient in a	2 2"		
serving of food contributes to a daily det. 2,000 calories a day is used for consistent unified and the service of the servic		56mm x	Size
predients: Salad greens (incherg letting, watercreas	v	00mmn A	0120
ndive, Romaine lettuce), tomatoes, bacon, chicken	~	20.1mm	(niv
east, hard-boiled eggs, avocado, chives, Roquefort	0.0"	20411111	(pix
eese, red-wine vinalgrette.	0.0		101
			426
ntaina: Egg. Milk			
ntains: Egg. Milk			
ontaina: Egg. Milk \$7.99			
ontaina: Egg. Milk \$7.99			
ontaina: Egg. Milk \$7.99			
shtaina: Egg. Milk \$7.99			
9 780201 379624			
nteins: Egg. Mik \$7.99 9 780201 379624 Good through: 05/06/20			
9 780201 379624 Good through: 05/06/20 Avery Cafe, Miamishurg, OH			
stains: Egg. Milk \$7.99 9 780201 379624 Good through: 05/06/20 Avery Cafe, Miamisburg, OH			



<b></b>				
Cobb Salad				
NUTRITION INFORMATION Servings Per Pack 1 Serving Size 157 grams				
	Quantity per Serve	Quantity per 100g		
Energy (kj) Protein (g) Fat - Total (g) - Saturated (g) Carbohydrate - Total (g) - Sugars (g) Sodium (mg)	2566.7 16 36.3 5 36.6 36.4 14.1	1318 1 23 3 24.5 23 9		
with stems removed), lean grilled turkey breast, real bacon bits, reduced-fat crumbled blue cheese, hard-boiled egg whites, tomato, black olives, educed-fat blue cheese dressing				
Contains: Egg. Milk \$7.99				
9 780201 Good throug Avery Cafe, Mis	379624 h: 05/06/2 amisburg,	20 OH		

າ າ"		Max Image
Ζ.Ζ	56mm x	Size
х 6 О"	152.4mm	(pixels):
0.0		426 x 112

. .

Cobb Salad Made with Spinach Prepared on 05/06/20 \$8.90 INGREDIENTS: Ingredients: chopped baby spinach (or regular spinach with stems removed), lean grilled surkey breast, real bacon bits, reduced-fat crumbled blue cheese. hard-boiled egg whites, tomato, black olives, educed-fat blue cheese dressing		
ALLERGENS: Contains: Egg. Milk NUTRITION INFORMATION Servings Per Pack 1 Serving Size 157 grams	2.2" x 56mm x 152.4mm 6.0"	Max Image Size (pixels): 426 x 112

Cobb Salad Made with Spinach Prepared on 05/06/20 \$8.99					
Serving Size 157 grams					
	Quantity per Serve	Quantity per 100g			
Energy (kj) Protein (g) Fat - Total (g) - Saturated (g) Carbohydrate - Total (g) - Sugars (g) Sodium (mg)	2345.8 16 34.9 9 38.8 36.4 14,1	1310 1 23 3 24.5 23 9			
INGREDIENTS: Chopped baby spinach (or regular spinach with stems removed), lean grilled turkey breast, real bacon bits, reduced-fat crumbled blue cheese, hard-boiled egg whites, tomato, black olives, educed-fat blue cheese dressing					
ALLERGENS: Egg. Milk 9 780201 379624 Net Wt. 12 oz Good through 05/06/20 170 Monarch Lane					

ວ ວ"		Max Image
Z.Z	56mm x	Size
х 6 О"	152.4mm	(pixels):
6.0		426 x 112



2.2" 56mm x x 38mm 1.5"



2.2" 56mm x x 51mm 2.0"

# Format 56

	x 4.0"
	4.0

Nutrition Facts	
Per HM (MM)	
Calories 200 %Da	aily Value*
Fat Og	0%
Saturated Og + Trans Og	0%
Carbohydrate 0g	
Fibre 0g	0%
Sugars 0g	0%
Protein Ug	
Cholesterol Umg	0.0
Sodium Umg	0%
Coloium Omg	0%
Loop 00	0%
Iron Ug	0%
*5% or less is little, 15% or more is a lo	ot.

<b>Nutrition Facts</b>	
Valeur nutritive	
Per HM (MM)	
pour MD (MM)	
Calories 200	% Daily Value* % valeur quotidenne*
Fat / Lipides Og	0%
Saturated / satures0g + Trans / trans 0g	0%
Carbohydrate / Glucides	0g
Fibre / Fibres 0g	0%
Sugars / sucres Og	0%
Protein / Proteines Og	
Cholesterol / Cholesterol	0mg
Sodium Omg	0%
Potassium Omg	0%
Calcium Omg	0%
Iron Og	0%
*5% or less is little, 15% or m *5% ou moins c'est peu, 15% ou plus o	ore is a lot. dest beaucoup



Description 1	
Description 2	
Description 3	
Description 4	
<b>Nutrition Facts</b>	
Valeur nutritive	
Per HM (MM)	
pour MD (MM)	
Calories 200 S valeur qu	y Value* otidenne*
Fat / Lipides Og	0%
Saturated / satures0g	0%
+ Trans / trans 0g	0%
Carbohydrate / Glucides 0g	
Fibre / Fibres 0g	0%
Sugars / sucres 0g	0%
Protein / Proteines Og	
Cholesterol / Cholesterol Omg	
Sodium Omg	0%
Potassium 0mg	0%
Calcium 0mg	0%

2.2" x 56mm x 4.0"

Store N	ame
Descript	ion 1
Descript	ion 2
Nutrition Facts	
Calories 200	% Daily Value*
Fat Og	0%
Saturated Og	0%
+ Trans Og	
Fibre Og Sugars Og	0%
Protein 0a	0.0
Cholesterol Omg	
Sodium Omg	0%
Potassium Omg	0%
Calcium 0mg	0%
Iron 0g	0%
5% or less is little, 15% or more	is a lot.
Sugar, Cocoa, Buttermilk Powde Gluten Flour Bleached, Ascorbic Conditioner, Enzymes Added Fo Water, Vegetable Margarine, So	r, Whey Powder, High Acid Added As Dough r Improved Baking, /bean Oil, Salt
Nuts, Egg, Milk, Citric Acid, Natu Beta Carotene, Liquid Egg Yolk	ral & Artificial Flavor,
7 25272 7 MUST USE BY	3070 6 12/30/19
Net Weight: 16 oz	Price \$7.99
Store Address Store Address	s Line 1 s Line 2



# Food Claims Image Library

Listed below is each provided food claim image. You can insert these images in your formats. The images can be added as fixed fields on your format within Label Design or you can select the images within the Edit application. These images are included with the text you see below and without. You can use the included images or your own.



Farm to Table	Low Sodium	
Free From Preservatives	Non GMO	
Free of Dairy	Organic	
Free of Eggs	Peanut Free	
Free of Fish	Price Cut	
Free of Shellfish	Smart Choice	
Free of Soy	Sugar Free	
Free of Tree Nuts	Vegetarian	

# **Quick Labels**

Listed below is each quick label format. You can use these formats as-is using the Edit application. You can select the images you use within the Edit application. We included images for your use or you can use your own. If you find a quick label format that needs a few small modifications, use Label Design to make those changes.







# **Donate Format Library**

Listed below is each standard donate format. You can use these formats as-is using the Edit application. If you find a format that needs a few small modifications, use Label Design to make those changes.

The Donate & Waste application (log donated and wasted food) must be purchased separately.

Donate Format 1

Lasagna with beef 1 Tray 11/10/20 04:31 PM Use By 11/10/20	1.2" x 1.1"	30mm x 28mm
Donate Format 2		
Store Name Store Address Line 1 Store Address Line 2 Spinach Casserole trays 11/11/20 01:20 PM Use By 11/11/20	2.2" x 1.5"	56mm x 38mm

Donate Format 3
Store Name Store Address Line 1 Store Address Line 2		
Chocolate chip cookies almonds		
2 dozen		
11/11/20 08:11 AM	2.2" x 3.0"	56mm x 76mm
St. Vincent		
Additional text line 1 Additional text line 2 Additional text line 3 Additional text line 4 Additional text line 5		
Use By 11/16/20		
Donate Format 4		
11/11/20 11:27 AM Store Name Store Address Line 1 Store Address Line 2		
Cranberry Quinoa with almonds Description 3		
Whole grains 4 pounds Contains Nuts	2.2" x 3.0"	56mm x 76mm
FoodBank 645 Main St Dayton OH 45424 Use By 11/13/20 03:27 PM		

Donate Format 5



Donate Format 7

Donor: Store Name Donor ID#: GLN Business ID Item: Ham 2 each USE FOR FOOD DONATION ONLY	2.2" x	1.5" 56mm	x 38mm
Donate Format 8			
Donor: Store Name			
Donor ID#: GLN Business ID			
Item: Green Beans			
2 trays		0.01 5.4	54
	2.2" x	2.0" 56mm	x 51mm
USE FOR FOOD DONATION ONLY			
If refrigerated, Use or Freeze by: 11/14/20			

## **Codabar Barcodes**

Valid values include a 32-bit unsigned decimal number.

Set the following attributes:

density

- Bar code density.
- Options include 2 to 9 as shown below.
- The default is 8.

Density Selector	Density (% or cpi)	Narrow Element Width in Dots/Mils	Narrow to Wide Ratio
2	2.1	8 /39.4	1:3.0
3	3.0	6 / 29.6	1:2.5
4	4.6	4 / 19.7	1:2.5
5	5.1	4 / 19.7	1:2.0
7	8.4	2 / 9.9	1:3.0
8	9.2	2 / 9.9	1:2.5
9	10.1	2 / 9.9	1:2.0

narrowbar, widebar, narrow space, wide space

- Use the density table above.
- Using a non-standard value may produce unreadable bar codes.
- Define in Pixels.

interchargap

- The inter character gap between two character representations.
- This is usually defined the same as narrowspace.
- Define in Pixels.

## Code 128 Barcodes

Valid values include a 32-bit unsigned decimal number Set the density and narrowbar attributes.

density

- Sets the barcode density.
- Options include 4, 6, 8, and 20 as shown below
- The default is 8

Density Selector	Density (% or cpi)	Narrow Element Width in Dots/mils
20	3.5/7.0	5/24.6
4	4.4/8.7	4/19.7
6	5.8/11.7	3/14.8
8	8.7/17.5	2/9.9

narrowbar

- Use the density table above to define values
- Using a non-standard value may produce unreadable bar codes.
- Defined in Pixels.

## Code 39 Barcodes

Valid values include: a 32-bit unsigned decimal number.

Code 39 contains the following attributes: density, narrowbar, widebar, narrowspace, widespace, interchargap, and mod43cd.

density

- Sets the bar code density
- Options are 1 to 7, 11, 12, and 20 as shown below.
- Default setting is 7.

Density Selector	Density (% or cpi)	Narrow Element Width in Dots/Mils	Narrow to Wide Ratio
1	1.4	10 / 49.3	1:2.5
2	1.7	8 / 39.4	1:2.5
3	3.5	4 / 19.7	1:2.5
4	4.2	3 / 14.8	1:3.0
6	6.3	2 / 9.9	1:3.0
7	7.0	2 / 9.9	1:2.5
11	3.9	4 / 19.7	1:2.0
12	12.7	1 / 4.9	1:2.0
20	3.0	5 / 24.6	1:2.2

#### narrowbar, widebar, narrow space, wide space

- Use the density table above. Using a non-standard value may produce unreadable bar codes.
- Define in Pixels.

interchargap

- Sets the inter character gap between two character representations
- Usually defined the same as narrowspace
- Define in Pixels

mod43cd

- Mod43 check digit
- Options include: 0; Disable OR 1; Enable (Extended Code 39)

## **Data Matrix Barcodes**

Valid values include a 32-bit unsigned decimal number. density

- Sets the barcode density.Options include 0 to 24 as shown below.
- The default is 0

Density Selector	Size Row x Column
0	bar code size is automatically determined by the data.
1	10 x 10
2	12 x 12
3	14 x 14
4	16 x 16
5	18 x 18
6	20 x 20
7	22 x 22
8	24 x 24
9	26 x 26
10	32 x 32
11	36 x 36
12	40 x 40
13	44 x 44
14	48 x 48
15	52 x 52
16	64 x 64
17	72 x 72

18	80 x 80
19	88 x 88
20	96 x 96
21	104 x 104
22	120 x 120
23	132 x 132
24	144 x 144

### **Defining Barcode Options**

Bar codes are separated into one-dimensional and two-dimensional categories.

1D Bar Codes	2D Bar Codes
Codabar	Data Matrix
Code 16K	GS1 DataBar
Code 39	MaxiCode
Code 93	Micro PDF417
Code 128	PDF417
Interleaved 2of5	POSTNET
MSI	Quick Response
UPCA, UPCE, EAN	

The bar code options include, but are not limited to:

- Human readable
- Density
- Characters per inch
- Narrow width
- Wide width
- Narrow space/ wide space

See the following topics to define a barcode based on your bar code type.

#### QR Codes

**UPCA** Barcodes **UPCA+2** Barcodes **UPCA+5** Barcodes **UPCE Barcodes UPCE+2** Barcodes **UPCE+5** Barcodes EAN 8 Barcodes EAN 8 + 2 Barcodes EAN 8 + 5 Barcodes EAN 13 Barcodes EAN 13 + 2 Barcodes EAN 13 + 5 Barcodes Code 39 Barcodes Code 128 Barcodes Data Matrix Barcodes **GS1** DataBar Barcodes I2of5 Barcodes PDF417 Barcodes MaxiCode Barcodes Codabar Barcodes

# GS1 DataBar Barcodes

Valid values include: a 32-bit unsigned decimal number. Set the density, symboltype, sepheight, and segmentwidth attributes.

density

- Sets the barcode density.
- Options include 2 to 8 as shown below
- The default is 2.

Density Selector	Narrow Element Width in Dots/mils
2	2 / 9.9
3	3 / 14.8
4	4 / 19.7
5	5 / 24.6
6	6 / 29.6
7	7 / 34.5
8	8 / 39.4

symboltype

- Selects the type of GS1 DataBar bar code. The default is 1.
- Options include:
  - 1 GS1 DataBar 14
  - 2 GS1 DataBar 14 Truncated
  - 3 GS1 DataBar 14 Stacked
  - 4 GS1 DataBar 14 Stacked Omni-directional
  - 5 GS1 DataBar Limited
  - 6 GS1 DataBar Expanded
  - 7 UPCA
  - 8 UPCE
  - 9 EAN13
  - 10 EAN8
  - 11 UCC/EAN128 and CC A/B
  - 12 UCC/EAN128 and CC C

sepheight

• The height of the separator between the linear barcode and the 2D bar code.

- The default is 1.
- The value is either 1 or 2.

segmentwidth

- The width of the individual segments for bar code <*types*> 1 to 6 above.
- The default is 22.
- The range is even numbers between 2 and 22.
  When using a composite component, the segmentwidth minimum is 4.

## Interleaved 2of5 Barcodes

Valid values include a 32-bit unsigned decimal number.

Set the following attributes: density, narrowbar, widebar, and barrierbar.

density

- Sets the barcode density.
- Options: 1 to 13 as shown below.
- The default is 12.

Density Selector	Density (% or cpi)	Narrow Element Width in Dots/Mils	Narrow to Wide Ratio
1	1.1	21 / 103.4	1:3.0
2	2.1	12 / 59.1	1:2.5
3	3.2	7 / 34.5	1:3.0
4	4.2	6 / 29.6	1:2.5
5	5.6	4 / 19.7	1:3.0
6	6.3	4 / 19.7	1:2.5
7	7.5	3 / 14.8	1:3.0
8	8.8	3 / 14.8	1:2.3
9	9.6	3 / 14.8	1:2.0
10	11.2	2 / 9.9	1:3.0
11	11.0	2 / 9.9	1:3.0
12	12.7	2 / 9.9	1:2.5
13	14.5	2 / 9.9	1:2.0

narrowbar, widebar

- Use the density table above.
- Using a non-standard value may produce unreadable bar codes.
- Define in Pixels.

barrierbar

- Print a barrier bar (border lines at the top and bottom of the bar code).
  The default is disabled (does not print a barrier bar).
  Options include 0; Disable OR 1; Enable (print a barrier bar)

## MaxiCode Barcodes

Valid values include a 32-bit unsigned decimal number. mode

- Select the MaxiCode mode.
- The default is 8.
- Options include the following:

Name	Description
Obsolete	Superceded by modes 2 and 3.
Structured Carrier Message	Structured shipping data, with a numeric postal code.
Structured Carrier Message	Structured shipping data, with a numeric postal code.
Standard	Standard text mode.
Full EEC	Standard text mode with enhanced error correction.
Reader Program	Data is designed to program the scanner/barcode reader.
Auto-detect	Auto-detect between modes 0, 2, and 3.

The Data for MaxiCode Mode 2 or Mode 3 (Structured Carrier Message) bar codes is defined as follows:

Valid values include any Unicode string less than 2K characters.

The string contains the following attributes (attributes are case sensitive):

Name	Description
Year	Two digit year identifier. The default is 11.
PostalCode	Zip or postal code, maximum of nine characters. If this field is numeric, use Mode 2; otherwise, use Mode 3. The default is "".
CountryCode	Three digit ISO country code. The default is " ".
ServiceClass	Three digit class of service code. The default is " ".

TrackingNumber	Package tracking number. The default is " ".
OriginCarrier	Origin carrier SCAC. The default is " ".
ShipperNumber	UPS shipper number. The default is " ".
DayOfPickup	Julian day of pickup. The default is " ".
ShipmentID	The shipment identifier. The default is " ".
PackageCount	The count and identifier of this package in this format: 1/1, 2/5, etc. The default is " ".
Weight	Package weight. The default is " ".
AddressValidation	Perform address validation? The default is "". Options: Y Yes N No
StreetAddress	Street address. The default is " ".
City	City name. The default is " ".
State	Two character state identifier The default is "".

# PDF417 Barcodes

Valid values include a 32-bit unsigned decimal number.

Contains the following attributes: density, security, compact, rows, and columns.

density

- Sets the barcode density.
- If a density is not selected, the default is set to the smallest size that fits the data.
- Options include 1 to 9 as shown below.

Density Selector	Element Width in Dots/Mils	Row Height in Dots/Mils	Aspect Ratio
1	2 / 9.8	2 / 9.8	1:1
2	2 / 9.8	4 / 19.7	1:2
3	2 / 9.8	6 / 29.6	1:3
4	3 / 14.8	3 / 14.8	1:1
5	3 / 14.8	6 / 29.6	1:2
6	3 / 14.8	9 / 44.3	1:3
7	4 / 19.7	4 / 19.7	1:1
8	4 / 19.7	8 / 39.4	1:2
9	4 / 19.7	12 / 59.1	1:3

security

- Sets the security level of the bar code.
- Higher security levels add data to a bar code, improving scan reliability.
- Some damaged bar codes may still be scannable if the security level is high enough.
- Options are 0 to 8.
- The default is 0.

#### compact

- Print the bar code in Compact mode.
- Compact mode omits the right line number codeword and reduces the stop pattern to a single bar.
- Options include 0; Prints in standard mode OR 1; Prints in Compact mode.

rows

- The number of rows can be set to change the shape of the bar code.
- columns

• The number of columns can be set to change the shape of the bar code.

## **QR** Codes

Set the Options to define your QR (Quick Response) code.

QR Code is a two-dimensional bar code made up of square modules arranged in an overall square pattern. A unique finder pattern is located at three corners of the symbol. Four levels of error correction are available, along with a wide range of symbol sizes.

The maximum number of characters depends on the type of characters entered for the batch data and differs for the two models of QR Code.

QR Code can accommodate Japanese Kana and Kanji characters and has a variety of applications.

Valid values include: a 32-bit unsigned decimal number.

You can set the following attributes:

model

- Model 1 is the original specification.
- Model 2 is an enhanced form that includes additional features.
- The default is 2.

#### mpclstyle

- Options: 0; Use XML to define the bar code or 1; Use the mpclstyle to define the bar code.
- The default is 0.
- mpclstyle uses the Data tag to contain the Quick Response bar code's data.
- Defining the Data Tag (Required) Valid values include: Any Unicode string less than 2K characters.

security

- Sets the error correction level for the bar code.
- The default is 2
- Options are 1; High Density Level, 2; Standard Level, 3; High Reliability Level, 4; Ultra High Reliability Level
- As you increase the error correction level, the maximum number of characters (in the bar code) decreases.

datamode

- Describes the type of data entered in the bar code.
- The default is 1.
- Options are 1; Automatic Mode Detection, 2; Manual, Alphanumeric Mode, 3; Manual, Binary Mode, 4; Manual, Kanji Mode, 5; Manual, Numeric Mode

barcodemode

- Describes the bar code's mode.
- The default is 1.
- There are two modes: 1; Standard mode or 2; Structured Append Mode

If using barcodemode 2, also set the following parameters: paritybyte

- Use a two-digit number in hexadecimal.
- There is no standard parity byte.
- The default is 1.
- Range: 1 to 255.

#### codenumber

- The code number of the individual symbol in the concatenated set.
- Use a two-digit number in decimal.
- The default is 0.
- The range is 0 to 255.

#### codecount

- The total number of symbols in the concatenated set.
- Use a two-digit number in decimal.
- The default is 0.
- The range is 0 to 255.

# **UPCA/UPCE/EAN Barcodes**

UPCA/UPCE/EAN barodes have options for density and humanreadable. These options apply to all varieties of UPCA/UPCE/EAN barcodes (UPCA +2/+5 Price CD, UPCE +2/+5, EAN8 +2/+5, EAN13 +2/+5 Price CD bar codes).

Valid values include: a 32-bit unsigned decimal number.

density

Options: 2 or 4 as shown below. The default is 2

Density Selector	Density (% or cpi)	Narrow Element Width in Dots/ mils
2	76%	2 / 9.9
4	114%	3 / 14.8

#### humanreadable

Appearance of human readable text with the bar code. The default is 0.

- 0 No human readable text, print bar code only.
- 1 Print data, number system, and check digit.
- 2 Print data only.
- 3 Print data and the number system.
- 4 Print data and check digit.

# Working with Barcodes

You can add barcodes to your format. To insert a barcode field, click the Barcode button in the toolbar. Use the following properties to customize your barcode field.

Barcode Type

- When you add a barcode to a format you must select the barcode type.
- Barcode type options are QR, UPCA, EAN8, EAN13, CODE39, and CODE128.
- Use the drop down to select your barcode type.

#### Field Type

- A barcode field has a field type; Fixed or Variable.
- A Fixed barcode field is created in Label Design, it's data is entered in Label Design (in the Data property). Use a fixed barcode field when the barcode data won't change from label to label. An example of a fixed barcode field might be a QR code containing your company Web address.
- A Variable barcode field is created in Label Design, it's data is entered in Freshmarx® Edit.
   Use a variable bar code field when the barcode data varies from label to label. An example of a variable barcode field might be specific product information for use at point of sale.
- Use the Fixed/Variable radio buttons to make your selection.

#### Length

- A barcode field (fixed or variable) can contain a specified number of characters.
- The length determines the minimum and maximum number of characters a barcode field can contain.
- The default is minimum: 0, maximum 1999.

### Data

- Barcode Field Data is the contents of the barcode field.
- For a fixed barcode field the Data is what always appears on the label.
- For a variable barcode field the Data is default data. The default data can be changed in Freshmarx Edit.

### Alignment

- Barcode Field Alignment is the barcode's position on the label.
- The barcode field can be aligned to the Left, Center, or Right and also to the Top, Middle, or Bottom of the label.
- Select your barcode field then click on one of the alignment icons to position it.

### Align to

- A barcode field can be aligned to another field on the label.
- For example, you might create a fixed text field with Data "Price" then right below it you want a variable barcode field.
- To align one text field to a barcode field, select the barcode field you want to move then click the align to icon to position it.

### Position

- When a barcode field is placed on a label it's location is declared using x and y coordinates.
- Adjust the x position of your barcode field if you want to move it left or right.
- Adjust the y position of your barcode field if you want to move it up or down.

• You can type a specific numeric value in the box or use the up/down arrows to make small adjustments.

Rotation

- A barcode field can be rotated on the label.
- Each barcode field has an upper right corner origin. When you adjust the barcode field rotation, it rotates from this point.
- You can rotate a barcode field 90°, 180°, 270°
- To rotate a barcode field click and drag the rotation slide bar.

Justify

- Aligns the barcode within the barcode box.
- The barcode can be aligned to the Left, Center, or Right of the box.
- Select your barcode then click on one of the justify icons to position it.

See Also QR Codes UPCA/EAN Barcodes Code 39 Barcodes Code 128 Barcodes