Introduction

Label Editor Screen

The screen of this software consists of the following six areas.

1.	**Menu bar**	
	In addition to menus for editing and saving label files, there are menus for changing Label Editor preference settings such as display settings.	
2.	**Tool bar**	
	Shortcuts to access the menus that are commonly used.	
3.	**Tool box**	
	Tools to add an object such as text, image, symbol, and barcode.	
	☞ "Inserting Objects in a Label" on page 7	
4.	**Data creation window**	
	You can enter and edit contents of labels to be inserted into the Layout editing window. If this window is hidden, click ⌃ at the lower right of the screen.	
	☞ "How to Use the Data Creation Window" on page 12	
5.	**Layout editing window**	
	By default, a label area is shown in gray, and a print area is shown in white. Insert a text or other object in the print area to create a label.	

Introduction

6.	**Tape settings area** Menus for tape-related settings such as tape width and label length. ☞ "Setting Label Length" on page 11 ☞ "Creating a Large Label by Printing One Image on Multiple Labels" on page 36

Basic Operations
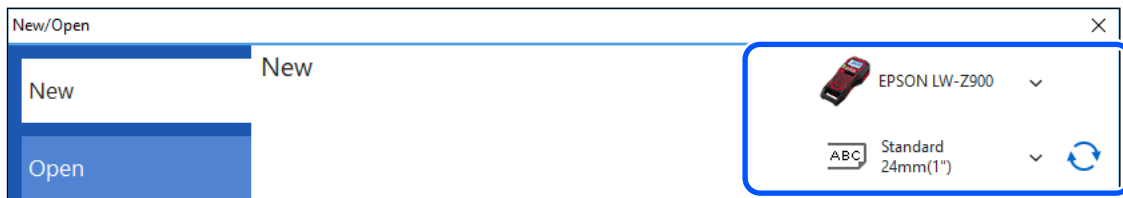
Creating a New Label

1 Start Label Editor.

The **New/Open** window is displayed. You can also open the window by clicking [icon] .

2 Select the printer and tape you want to use.

Click [icon] to update the tape settings to detected type and width of tape installed in the printer.

> *Note:*
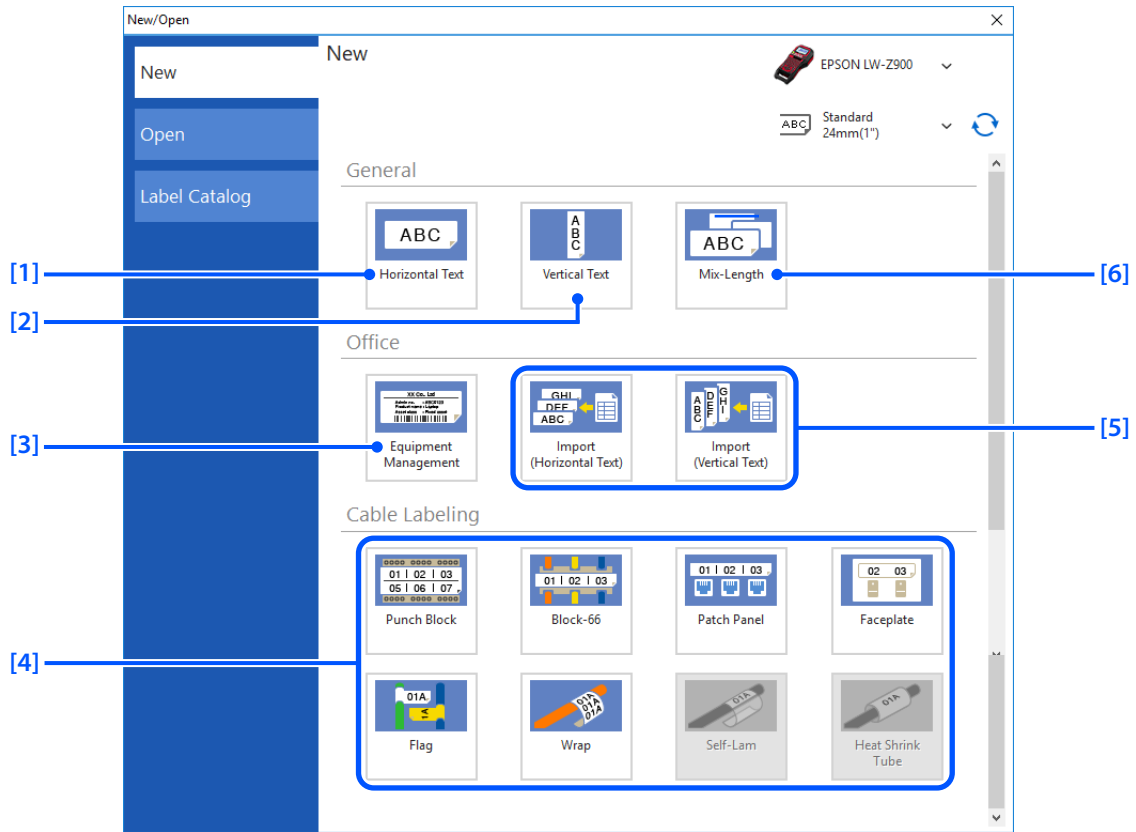> *If the tape settings are not updated by clicking* [icon] *, select the tape installed in the printer from the pull-down menu.*

3 Select a label type you want to create.

For example, select [1] **Horizontal Text**.

> *Note:*
> *Label types that are not available with the set tape are grayed out and not selectable.*

Basic Operations

1.	Lets you create a horizontal writing label.
2.	Lets you create a vertical writing label.
3.	☞ "Creating Labels for Equipment Tagging (**Equipment Management**)" on page 21
4.	☞ "Creating Cable Labels" on page 26
5.	☞ "Creating Labels Using an Excel or Other Format File" on page 24
6.	☞ "Creating Variable Length Labels in a Single Print (**Mix-Length**)" on page 18

Basic Operations

4   A template for the selected label type is displayed. Insert objects such as text and symbol.
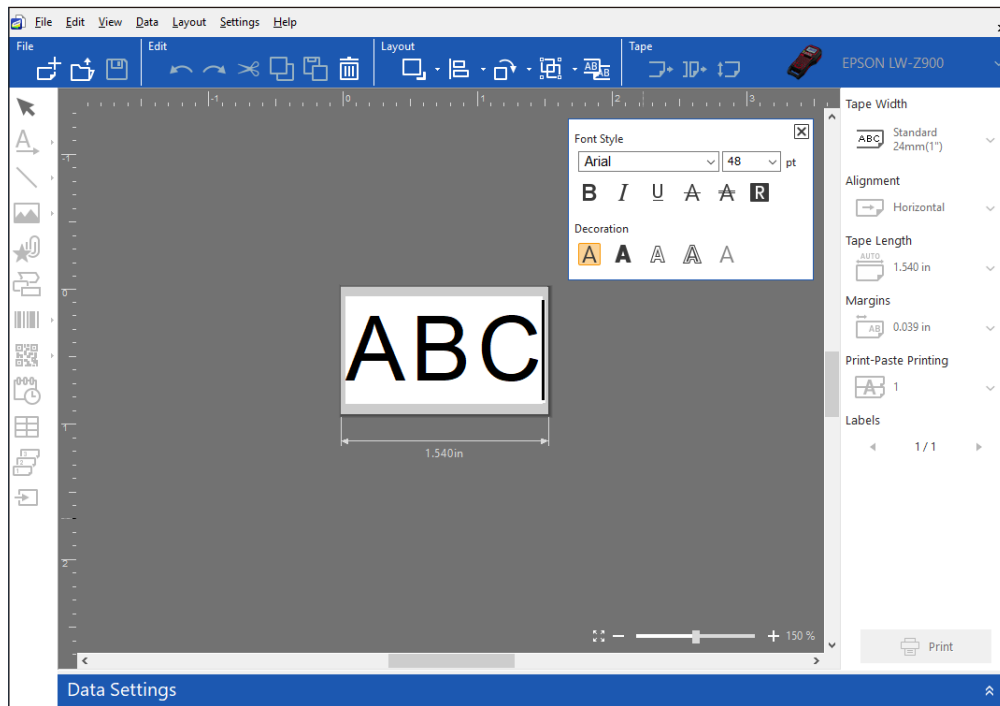
5   Click [Print] to print the file.

U "Printing Labels" on page 40

Inserting Objects in a Label
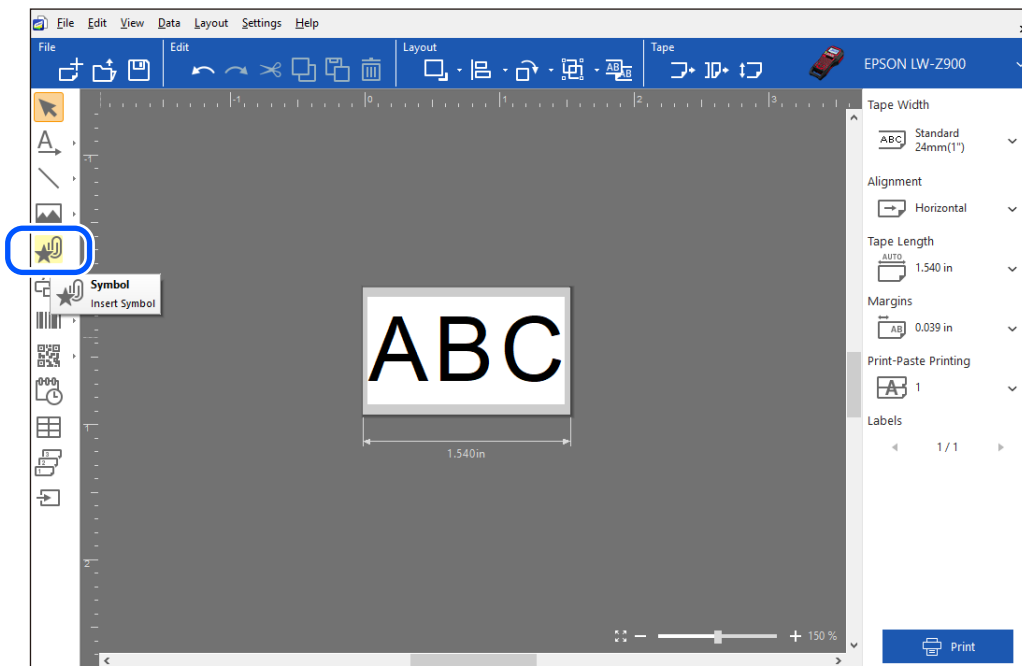
You can insert multiple objects such as symbol, border, image, and barcode in a label, and arrange them freely. The following procedure is an example to add a symbol after inserting a text.

> *Note:*
> *Label Editor describes an inserted object as a "block".*
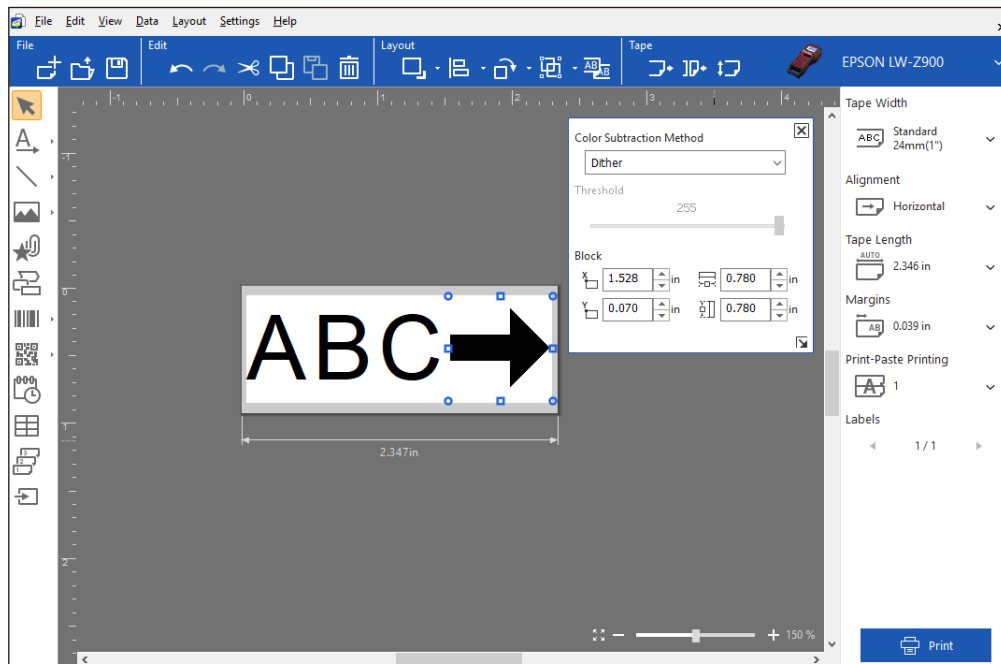
1   Click ![symbol icon] in the tool box, and select a symbol you want to add in the **Symbol** window, then click **OK**.
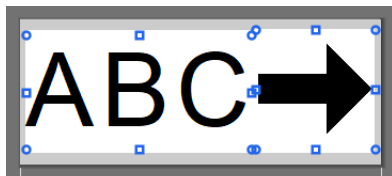
Basic Operations

2   Insert the symbol by clicking at a position you want to insert it.

Note:
To align multiple objects at a time

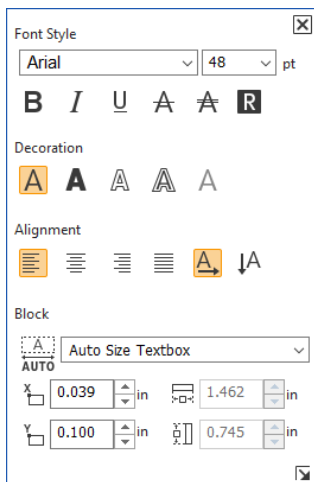*Select all the objects, and align them using one of the* **Align** *options in the* **Layout** *menu.*
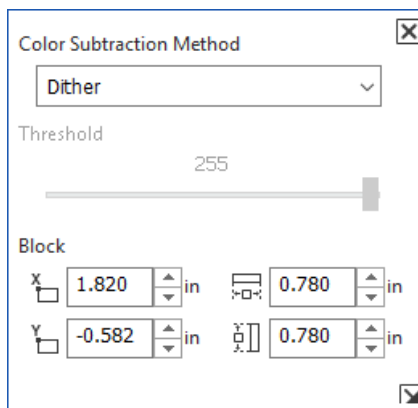

Basic Operations

Changing Object Settings

1 Select an object you want to change the settings.

A settings window for the selected object is displayed.

Text settings window

Symbol settings window

2 Click [icon] on the window to display the advanced settings window.

Text advanced settings window
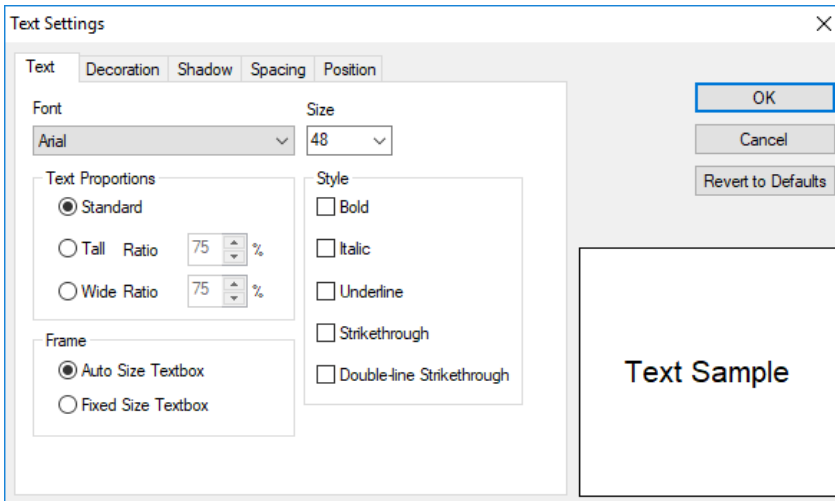
Symbol advanced settings window
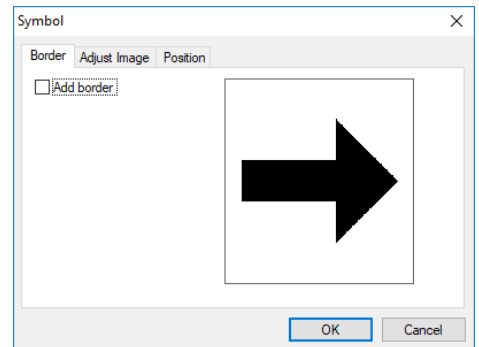
> *Note:*
> *How to stop displaying the settings window*
>
> Select **Settings** - **Preferences**, and then change the display setting in the **General** tab. After you stop displaying the settings window, you can open the advanced settings window in the following way.
>
> ❏ *For text object*
>
> Select the text block and right-click on it, and then select **Properties...**.
>
> ❏ *For object other than text*
>
> Double-click on the object block, or right-click on it and select **Properties...**.

Basic Operations

Selecting Printer and Tape

When creating a new label, select the printer and the tape in the **New/Open** window.

U "Creating a New Label" on page 4

The following explains the method using the tool bar.
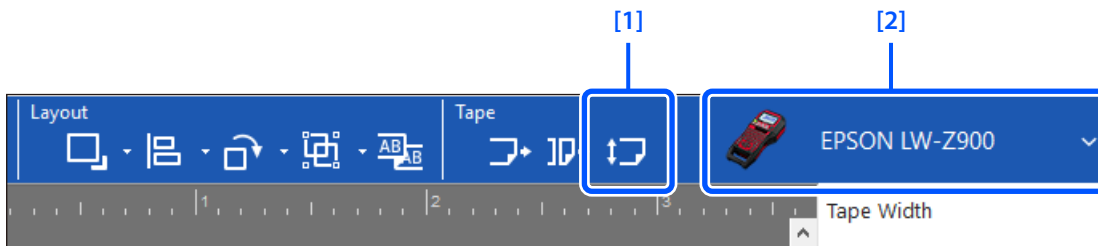
1.	Click this icon to update the tape settings to detected type and width of tape installed in the printer. The display of label in the Layout editing window is also updated. If the tape settings are not updated, select the tape installed in the printer from **Tape Width** in the tape settings area.
2.	A list of available printers is displayed. Click ⚙ to display the printer driver window.

Basic Operations

Setting Label Length

By default, the label length automatically changes according to the objects inserted in the Layout editing window. The following explains how to set the label length manually.

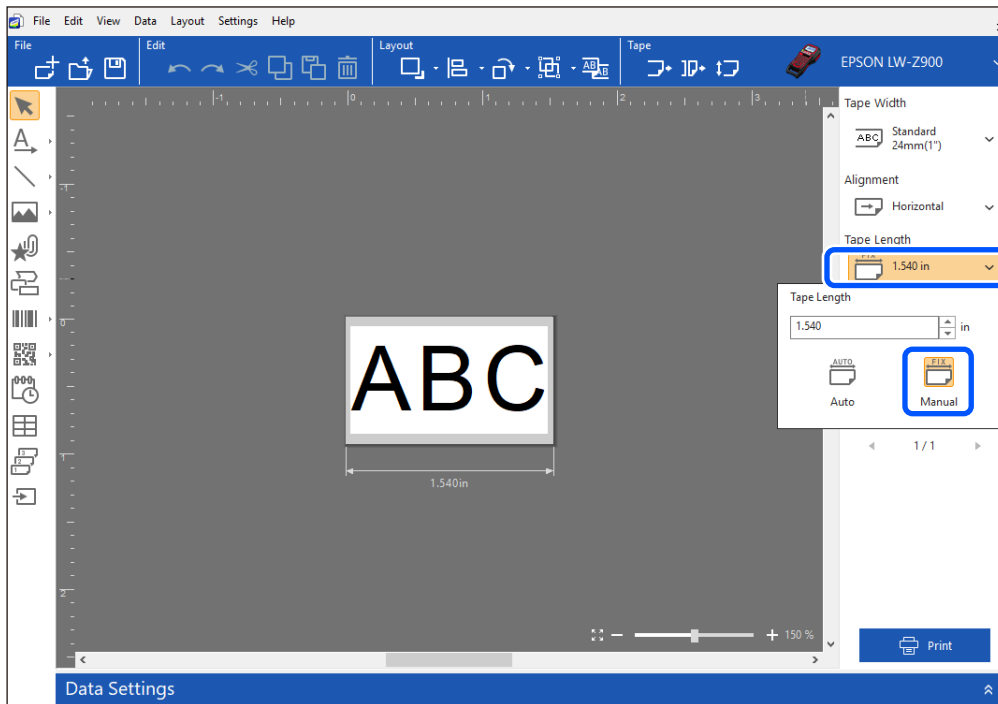**1**   In the tape settings area, click on the tape length setting, and then select **Manual**.

2   Use one of the following methods to set the length.

❏   Enter a length in the **Tape Length** box.

❏   Drag the vertical line located below the right corner of the label.
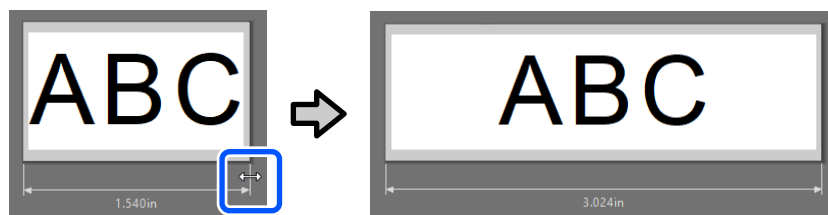
How to Use the Data Creation Window

The Data creation window allows you to create a large number of labels easily by importing a file created by Excel or other application.

> *Note:*
> *You can also enter data directly in the Data creation window without importing a file.*

About Files to Import

Supported File Formats

xls, xlsx, csv, xlsm, txt

File Contents

❏ Enter data for a single label in one row.
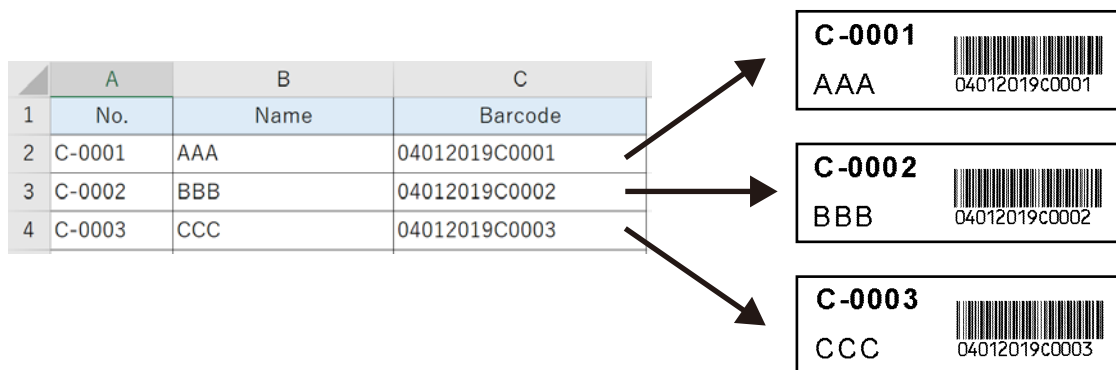
❏ You do not need to delete unnecessary sheets, rows or columns in advance. You can select a sheet when importing a file. You can select rows and columns after importing a file.

❏ Images such as photos

To import image files (BMP, JPG, TIF, or PNG) such as photos and illustrations, enter the full pathname of the image file.

Example: C:\Users\Desktop\Images\aaa.png

How to Operate the Data Creation Window

Editing Data

Double-click on a cell to edit or add data in the cell.

Sorting Data / Entering Column Title

Right-click on the data area to display menus for sorting data, entering column title, etc.
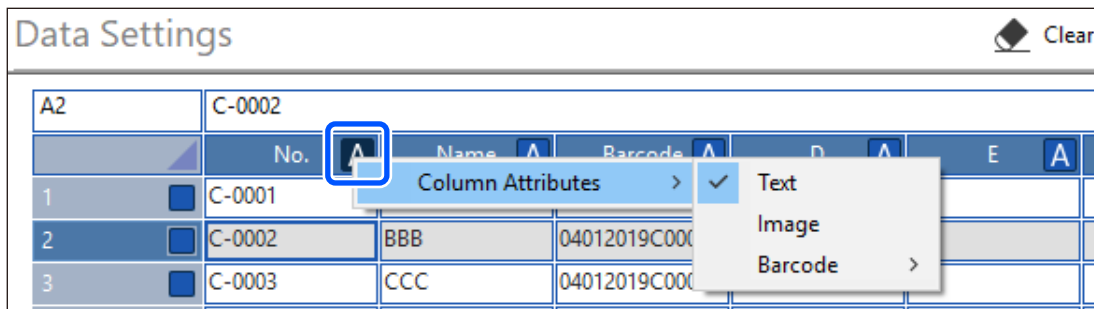
Changing Column Attribute

Click on [A] at the right of the column, and select attribute for the column from **Column Attributes**.

When a file is imported, attribute of the all columns is set to **Text**. You need to change the attribute for columns that contain barcode or QR code data, or images (full pathnames of image files).

Selecting Rows to Print

You can select rows and print only the selected rows. Select the check boxes for the rows you want to print.
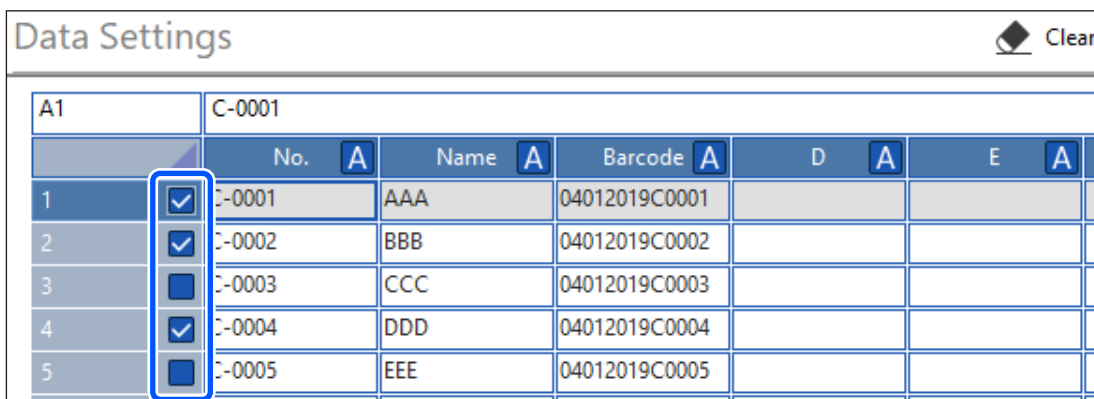
> *Note:*
> *To print only the selected rows, a setting in the print dialog box is also required.*
>

Exporting Data

You can export the data to a file by clicking **Export**.

Inserting Data into the Layout Editing Window

You can insert data from the Data creation window to the Layout editing window in one of the following ways.

❏ **Drag the column**

The shape of the mouse pointer changes to 🖑 when you move it over the column title. While 🖑 is displayed, you can drag the column.
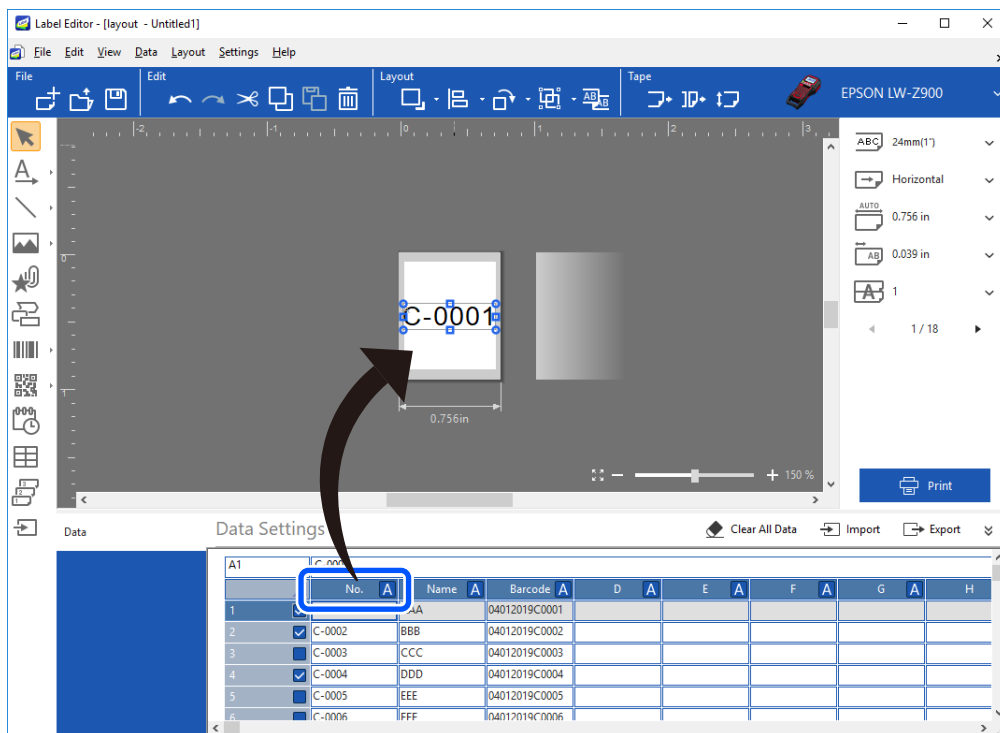
Basic Operations

❏ **Use** ⬚ **in the tool box**

When you click ⬚ , a dialog box as shown below is displayed. Select a column and click **OK** in the dialog box, and then click at a position you want to insert it in the Layout editing window.

Basic Operations
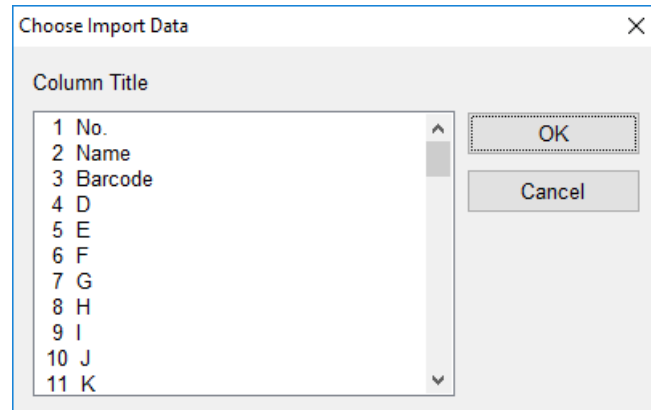
Saving Label Files

1 Click 💾 on the tool bar, or select **Save** from the **File** menu.
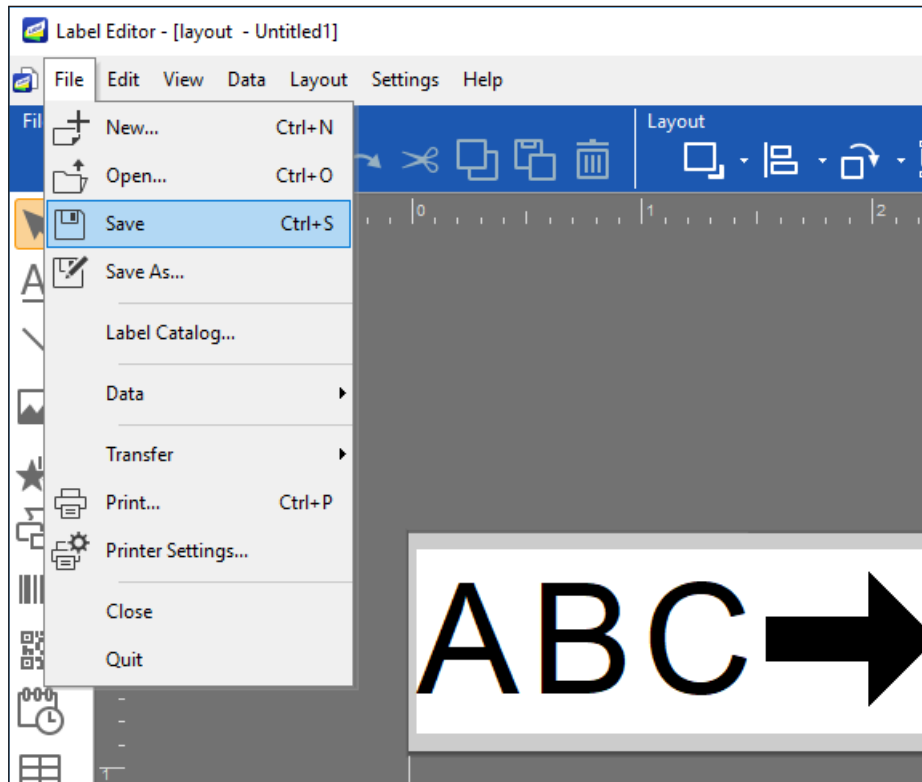
2 Save the file by specifying a location to save and the file name.

The file is saved under the specified name with ".leb" extension.

Opening Saved Label Files

> *Note:*
>
> *Label Editor version 2.0 or later does not support some functions[*] that are available with versions earlier than 2.0. If you are using version 2.0 or later and open a file created using the earlier version, the file may not be displayed correctly.*
>
> ** Background Pattern, Text Art, Image trimming, and etc.*

1 Select **Open** on the **New/Open** window or from the **File** menu.
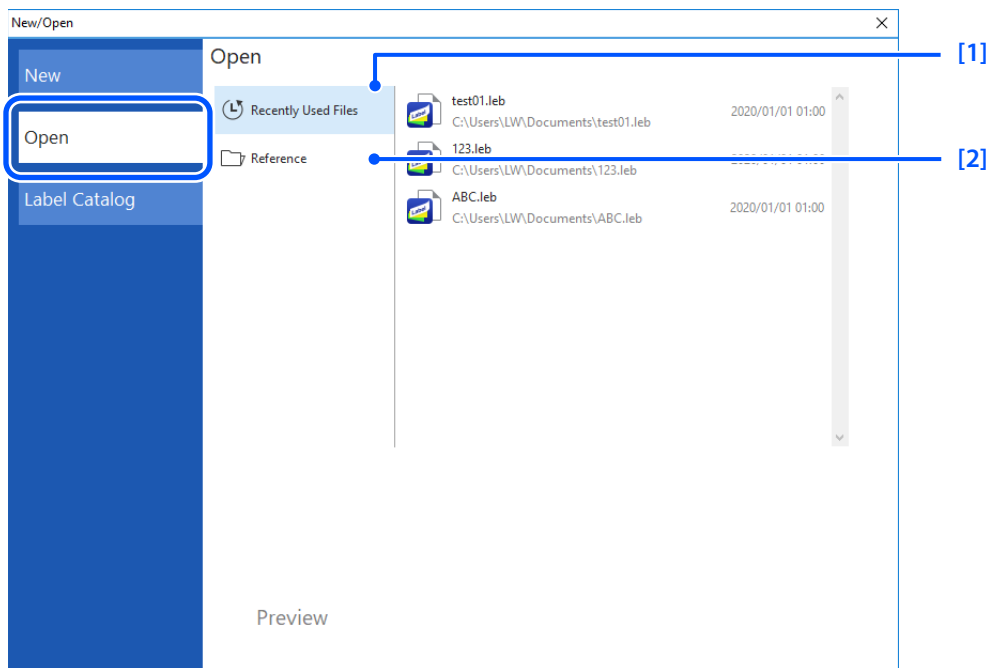
1.	A list of recently used files is displayed. Preview of a selected file is displayed in the lower part of the window. Double-click the file to open it.
2.	Allows you to specify a location and a file to open.

2 Select a file to open it.

Creating a Variety of Labels

Creating Variable Length Labels in a Single Print (Mix-Length)

You can create multiple labels with different texts, and print them at a time. Because the label length automatically changes according to the text length, multiple labels with different lengths can be created easily and quickly.

Cable	Do Not Connect	5-Pins Connector

1   Click ⊞ on the tool bar.

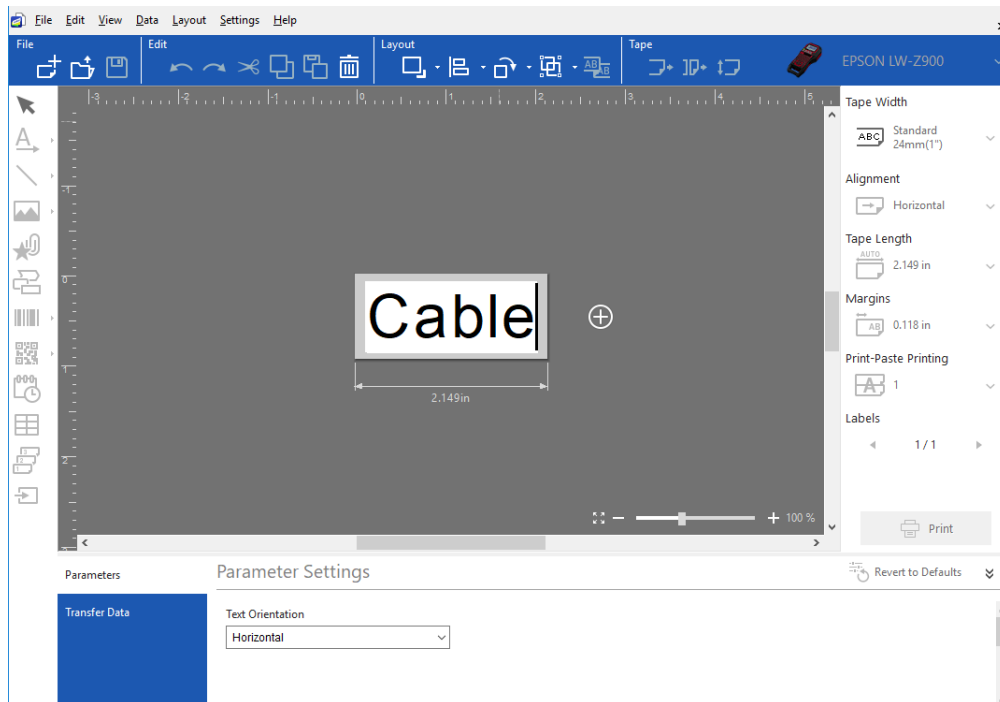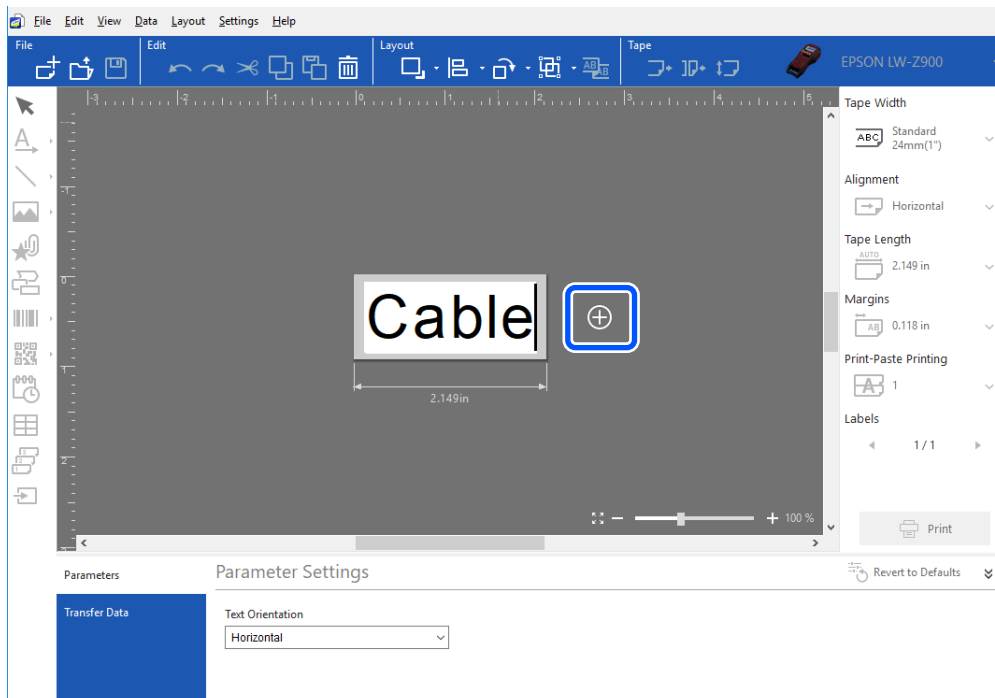**2**   Click **Mix-Length**.
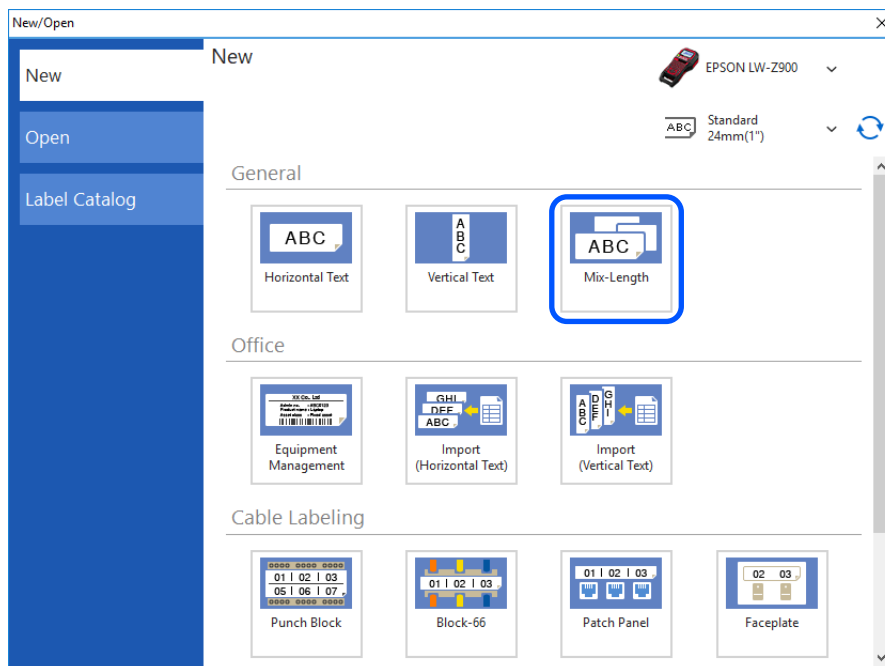
Creating a Variety of Labels

3 Edit the first label.

4 Click ⊕ to display an edit window for the second label.

Note:
You can use the keys on your keyboard to move between multiple labels.

Tab key: lets you move to the next label

Shift key + Tab key: lets you move back to the previous label

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5 Edit the second label.
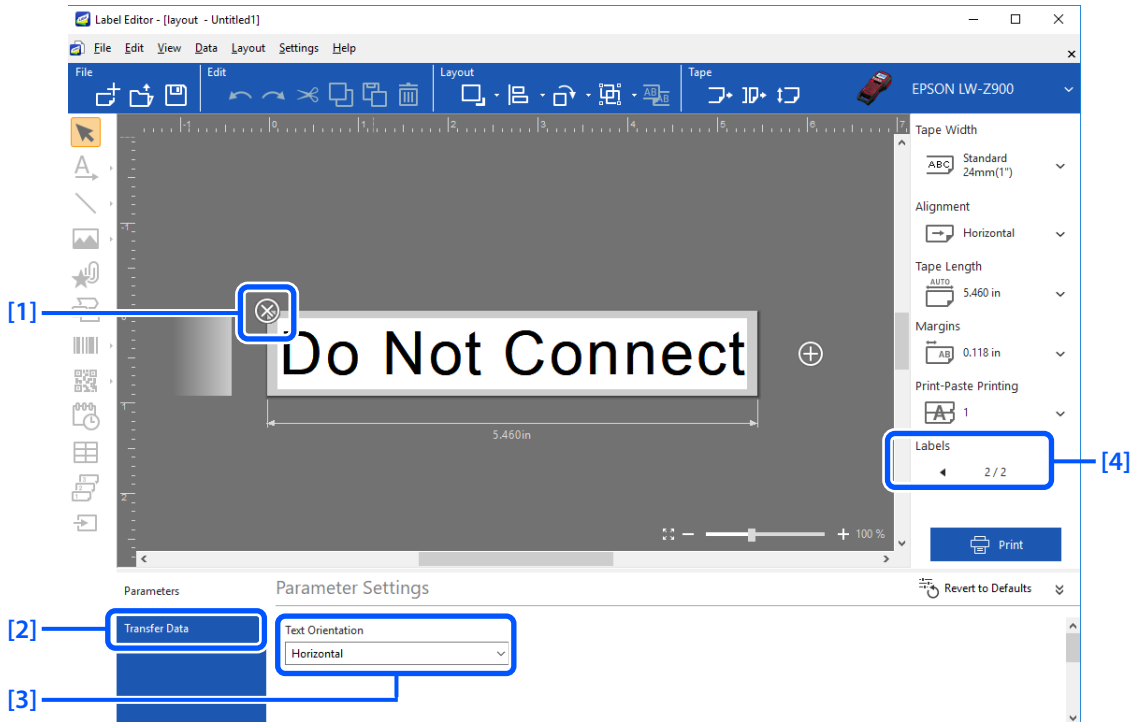
1.	Lets you delete the label.
2.	If your printer supports **Data Transfer Tool**, you can transfer the label file to the printer.
	U "Transferring Label Files to Printer (**Data Transfer Tool**)" on page 38
	U "Printers that support **Data Transfer Tool** " on page 44
3.	Lets you change the text orientation.
4.	Lets you move to the next or the previous label.

Note:
❏ *Up to 50 labels can be created in a single file.*
❏ *Font type and size settings are applied to all the labels in the file.*

6 Click 🖨 Print to print the file.

All the labels in the file are printed.

U "Printing Labels" on page 40

Creating Labels for Equipment Tagging (Equipment Management)

You can create labels for equipment tagging easily by using the templates.

Importing a List of Equipment from an Excel File

By importing your existing Excel file, you can create labels without entering data manually.

> *Note:*
> *Because you can select a worksheet, columns and rows to use for labels, you do not need to change your Excel file to match the template in advance.*

1 Click 📇 on the tool bar.

2 Click **Equipment Management**.
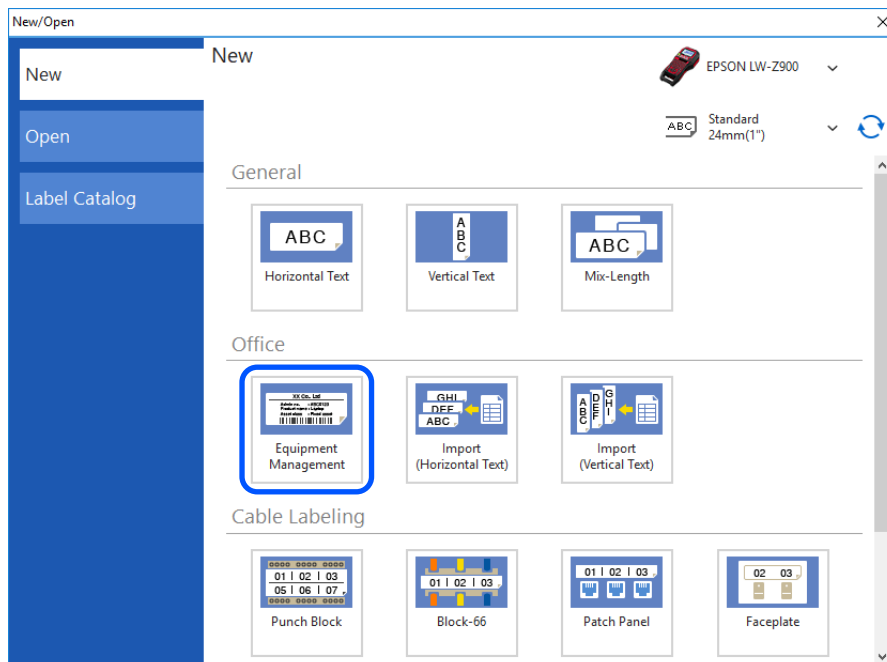
Creating a Variety of Labels

3 Select a template you want to use, and then click **OK**.
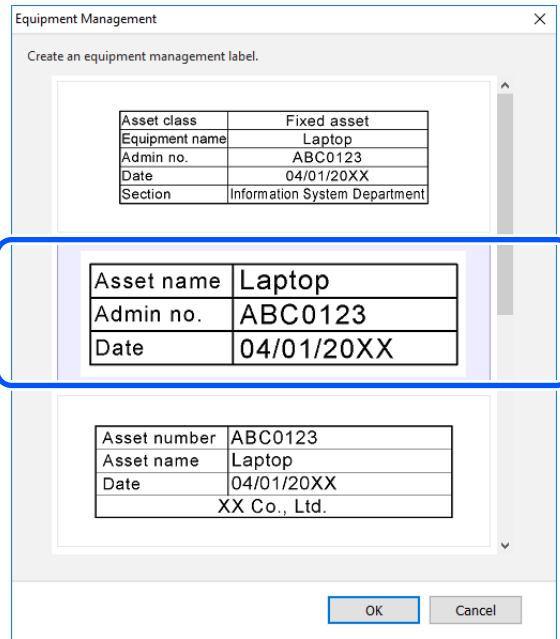
4 Make the settings below, and then click **OK**.

❏ Select a tape width from **Recommended Tape Width**

❏ Select **Data Importing (for Multiple Labels)** and then select the Excel file to import.
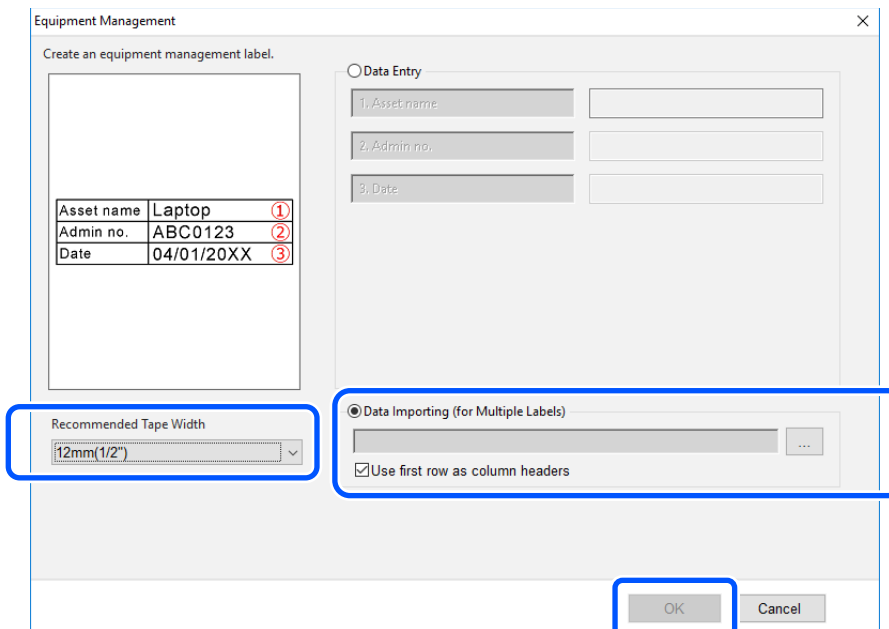
5 Select which worksheet to import, and then click **OK**.

A label image with the data of the first row is displayed in the Layout editing window.

Creating a Variety of Labels

6 Edit the label if needed.

> *Note:*
> ❏ *When inserting barcodes, change the attribute of the column that contains barcode data.*
>
>   ☞ *"How to Operate the Data Creation Window" on page 13*
>
> ❏ *You can change font type and size settings for each block.*
>
>   ☞ *"Changing Object Settings" on page 9*

7 Click [🖨 Print] to print the file.

☞ *"Printing Labels with Serialization Object or Labels Created Using the Data Creation Window (**Advanced Settings**)" on page 41*

Entering Equipment Data Manually

1 Follow step 1 to 3 of "Importing a List of Equipment from an Excel File".

2 Select **Data Entry**, enter data, and then click **OK**.

> *Note:*
> When creating multiple labels, leave the entry fields blank and click **OK**. You can enter data easily in the Data creation window.

Creating a Variety of Labels

Creating Labels Using an Excel or Other Format File

You can create a large number of labels easily by importing your existing Excel, csv, or other format file.

1   Click on the tool bar.

2   Click **Import (Horizontal Text)** or **Import (Vertical Text)**.
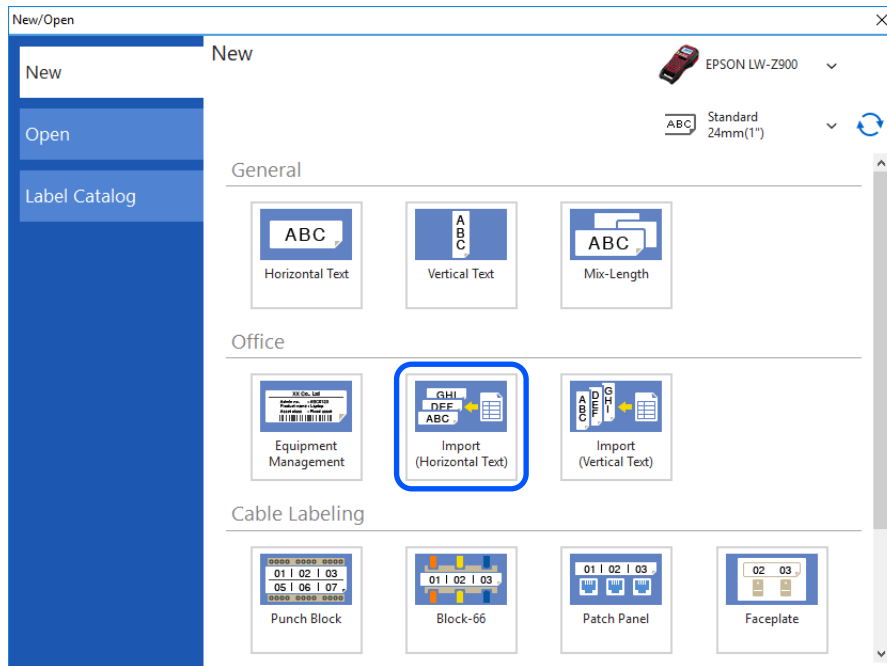
3   Click **Load Import Data**. When a file selection dialog box is displayed, select and open a file you want to import.
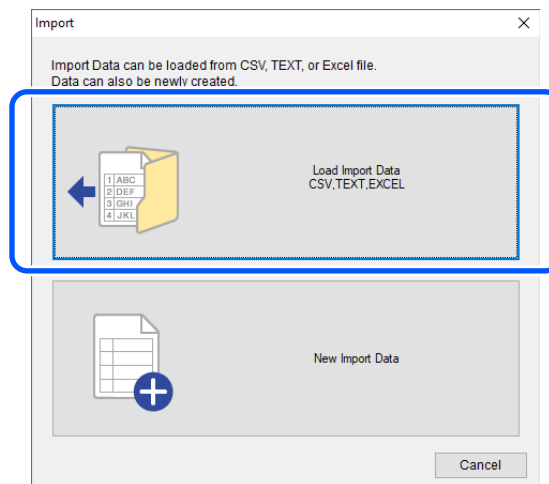
4   Click **Overwrite Current Data**.

If the first row of the file is used as a header row, select the check box for **Use first row as column headers**.

Creating a Variety of Labels
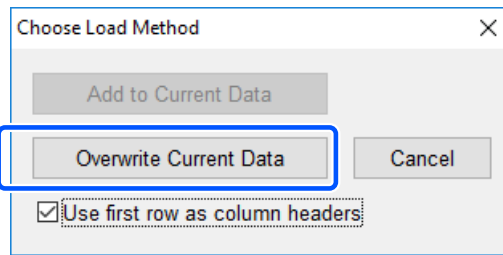
5   Select which worksheet to import, and then click **OK**.

A blank label image is displayed in the Layout editing window, and the imported data is displayed in the Data creation window.

6   Insert the data from the Data creation window to the Layout editing window, and then format a label.

To insert barcode or image data, change the column attribute before inserting it.

U "How to Operate the Data Creation Window" on page 13

> *Note:*
> *You can change font type and size settings for each item.*
>
> U *"Changing Object Settings" on page 9*

7   Click   [Print]   to print the file.

U "Printing Labels with Serialization Object or Labels Created Using the Data Creation Window (**Advanced Settings**)" on page 41
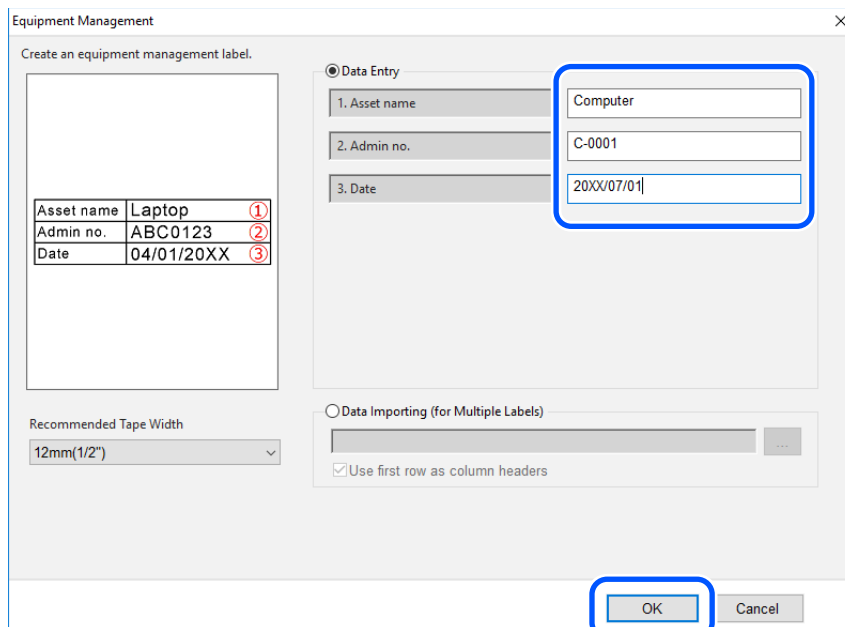
Creating Cable Labels

You can easily create various types of labels for wiring and cables.

The following explains how to create labels for Punch Block.

1 Click on the tool bar.

2 Click **Punch Block**.

> *Note:*
> *Label types that are not available with the set tape are grayed out and not selectable.*

Creating a Variety of Labels

3 Make the settings in the **Parameter Settings** area.

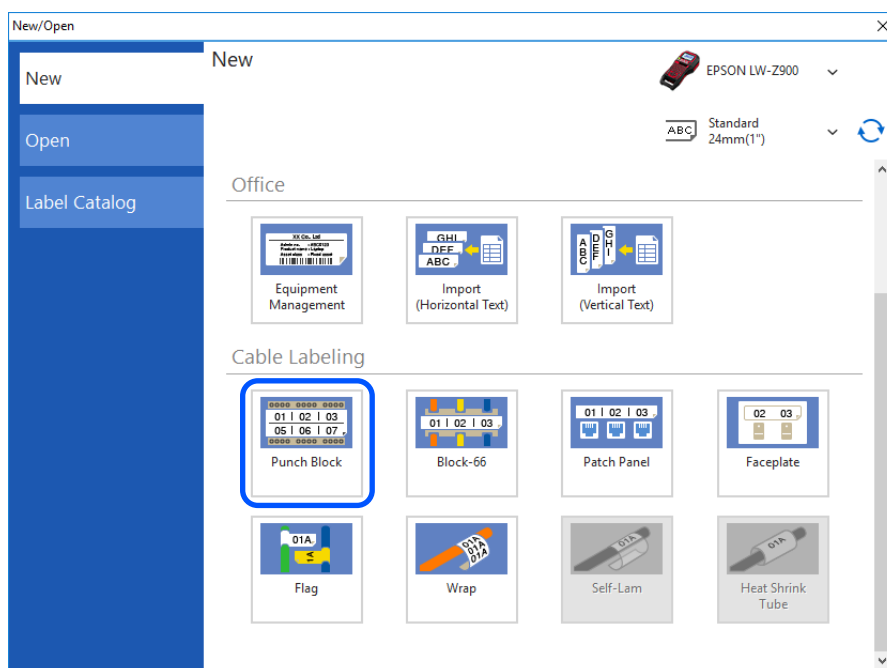| 1.	Specify the number of serialized labels.
2.	☞ "Adding an Automatic Serialization Object in Labels" on page 32
3.	Displays the Data creation window.
	If you have selected **Blank/Data importing** at [5], you can import a file in csv, xls, or xlsx format.
	☞ "How to Use the Data Creation Window" on page 12
4.	If your printer supports **Data Transfer Tool**, you can transfer the label file to the printer. However, **Self-Lam** and **Heat Shrink Tube** files cannot be transferred.
	☞ "Transferring Label Files to Printer (**Data Transfer Tool**)" on page 38
	☞ "Printers that support **Data Transfer Tool** " on page 44
5.	Select **Alphanumeric Sequence** to set up automatic serialization. Select **Blank/Data importing** to enter pin numbers manually, or to import data from an Excel or other format file.
6.	Lets you view the second and subsequent labels when you have specified more than one number of labels at [1].

> **Note:**
> *Font type and size settings are applied to all the labels in the file.*
>
> ☞ *"Changing Object Settings" on page 9*

4 Click [🖨 Print] to print the file.

☞ "Printing Labels" on page 40

Printing Labels in Label Catalog

You can print labels contained in **Label Catalog**. A various types of label designs are available, such as caution labels, warning labels, labels that can be used in an office, school, or hospital.

The label designs are editable, so you can also customize the labels.

1 Click ⬚ on the tool bar.

2 Click **Label Catalog**.
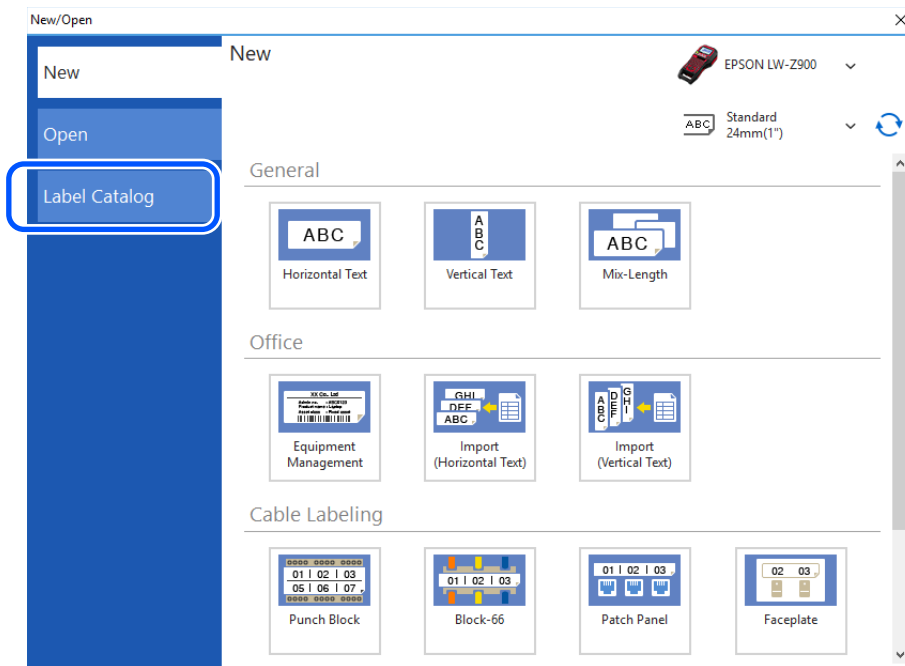
Creating a Variety of Labels

3 Select a label in the **Label Catalog** window.
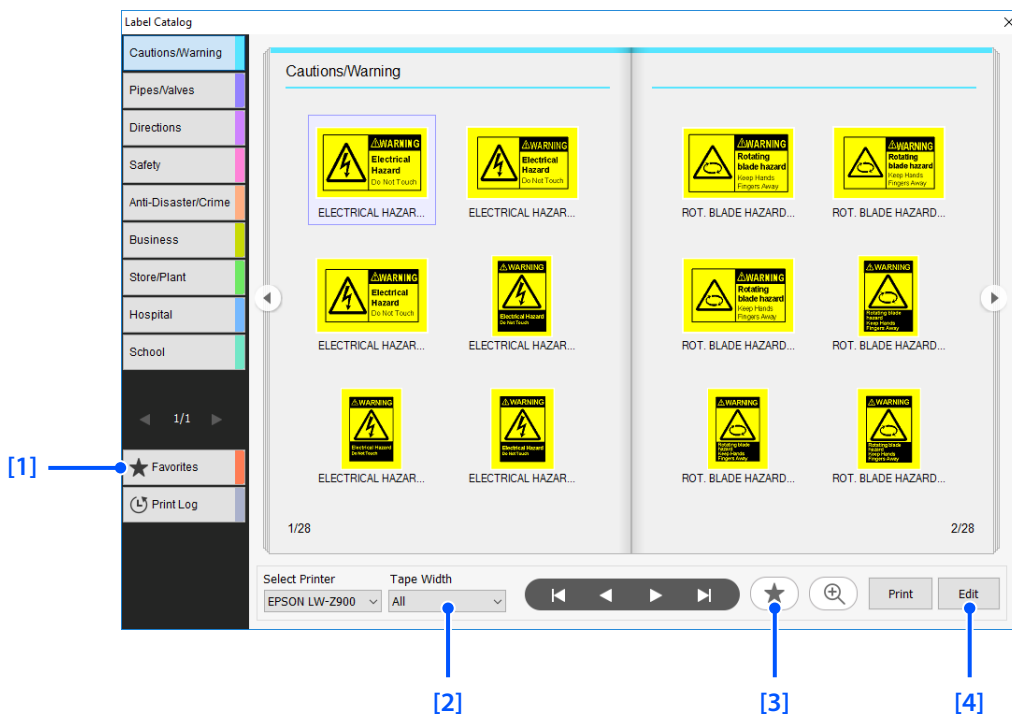
1.	Displays labels you have registered as **Favorites**.	
2.	Select a tape width. Only labels available with the selected tape width are displayed.	
3.	Lets you register or unregister the currently selected label as **Favorites**.	
4.	Click this to customize the selected label.	

Printing the Same Text Repeatedly

By printing the same message repeatedly on a ribbon, you can create your original ribbon.

To create a ribbon, prepare a ribbon tape cartridge.
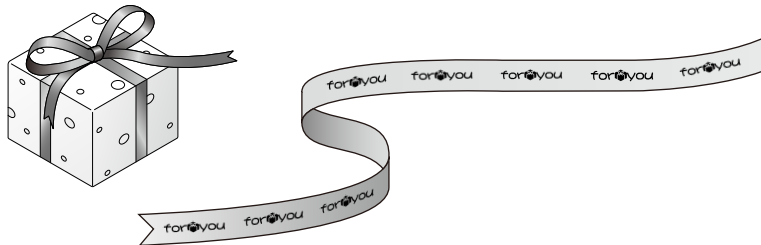
1 Enter a text.

2 Change font type, style, or other settings as you like.

> *Note:*
> ❏ *The font and other settings are applied to all the repeated texts.*
>
>   U *"Changing Object Settings" on page 9*
>
> ❏ *You can also add a symbol or an image.*
>
>   U *"Inserting Objects in a Label" on page 7*

3 Click on the tool bar.

Creating a Variety of Labels

4 Enter required values, and then click **OK**.
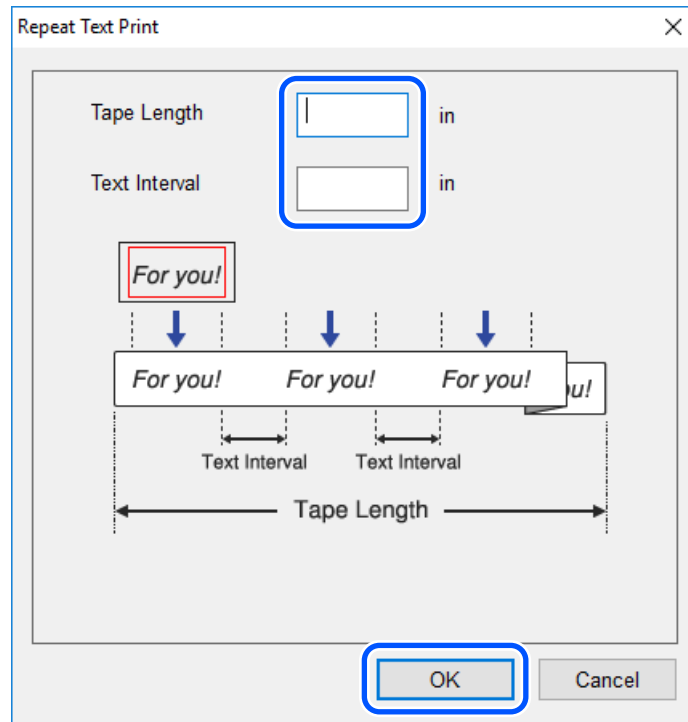
5 Click [Print] to print the file.

U "Printing Labels" on page 40

Adding an Automatic Serialization Object in Labels

You can create multiple labels with a series of numbers or alphanumeric codes. Only by setting the starting value for the series and specifying the number of copies, you can print serialized labels.

Example:

A-001   B-002   C-003   · · · · ·
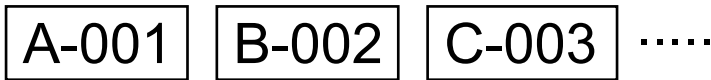
1   Click ⬚ on the tool box.

The setting window is displayed.

2   Make the automatic serialization settings.
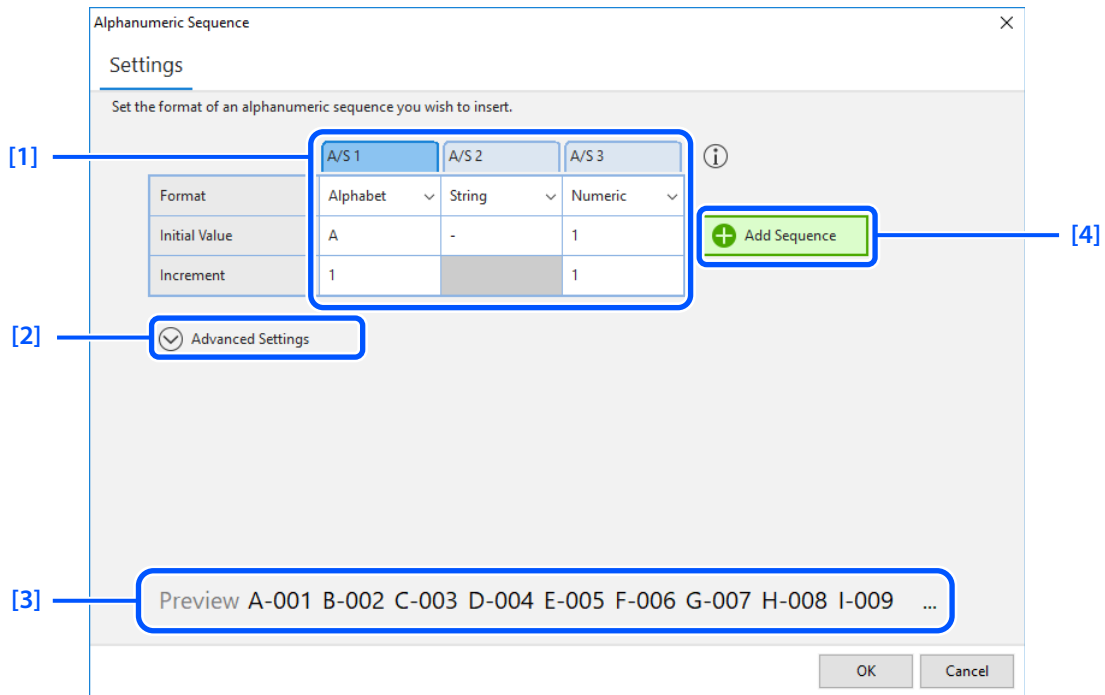
	1.	Set the starting value and change the increment setting if needed.

Creating a Variety of Labels

2.	Click this to make the advanced settings. To create the example labels, change the settings in the A/S 3 column as shown below.
3.	The result of your settings is shown here. Check whether the result is shown as intended.
4.	Lets you add an element of starting value.

Note:
To delete a column

Move the mouse pointer over the header of the column you want to delete, and click ❌ .

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3 Click at a position you want to insert the automatic serialization object.

The object is inserted with the (Num) icon.
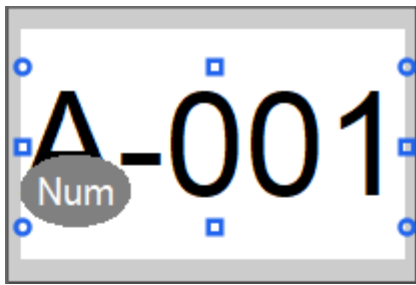

Note:
You can select the object block and change font settings.

☞ *"Changing Object Settings" on page 9*

To print serialized labels

Specify the number of serialized labels (number of copies) in the print dialog box.

☞ "Printing Labels with Serialization Object or Labels Created Using the Data Creation Window (**Advanced Settings**)" on page 41

Adding a Barcode or QR Code

A various types of barcodes and QR codes can be added in labels. You can also create a series of barcodes or QR codes.

1 Click ||||| or ▓ on the tool box.

> *Note:*
> *When you click either one of the icons, a setting window for the type of barcode or QR code you previously selected is displayed. Click ˌ beside the icons to select another type of barcode or QR code.*
>
> | ||||| | EAN-8(JAN-8) |
> |---|---|
> | ||||| | EAN-13(JAN-13) |
> | ||||| | CODE39 |
> | ||||| | CODE128 |
> | ||||| | UPC-A |
> | ||||| | UPC-E |
> | ||||| | NW-7(Codabar) |
> | ||||| | ITF |
> | ||||| | GS1-128(EAN-128) |
> | ||||| | GS1 DataBar |
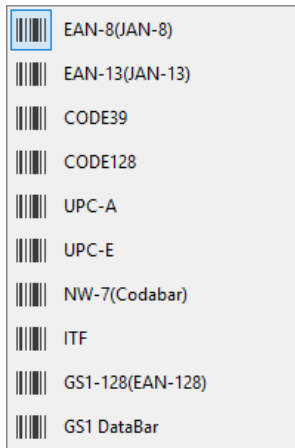
2 Make the settings, and then click **OK**.
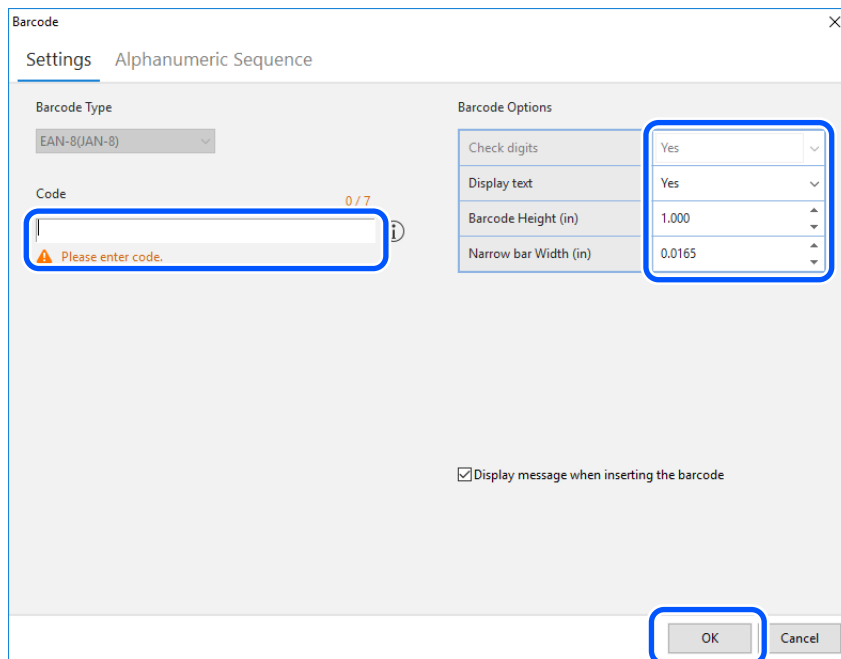
To create a series of barcodes or QR codes

Creating a Variety of Labels

In the **Alphanumeric Sequence** window, specify a range in the code to be serialized and set the start value and other settings.
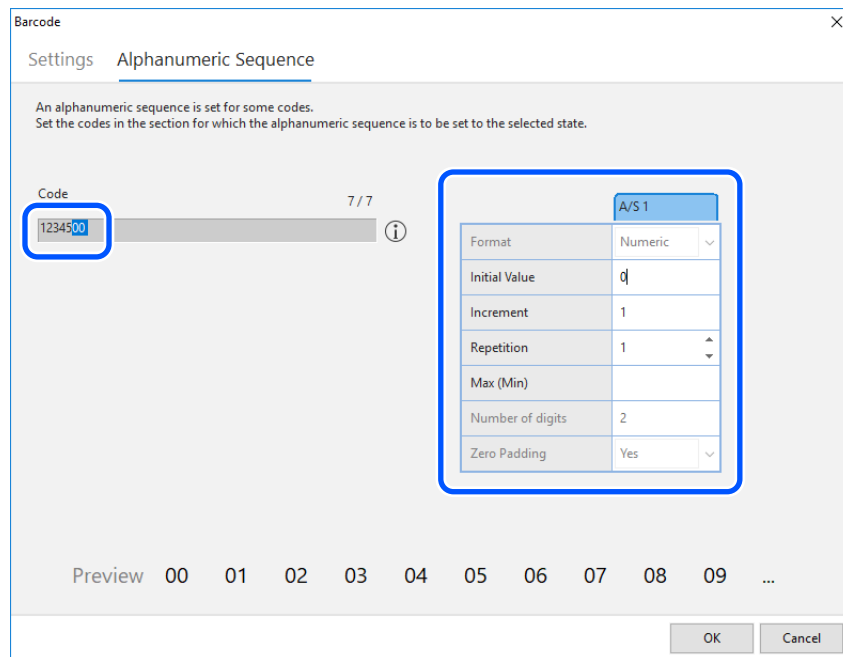
U "Adding an Automatic Serialization Object in Labels" on page 32

3 Click at a position you want to insert the barcode or QR code.

The barcode or QR code is inserted in the Layout editing window.

> *Note:*
> *You can select the block and change the barcode or QR code settings.*
>
> U *"Changing Object Settings" on page 9*

Creating a Large Label by Printing One Image on Multiple Labels

You can divide one label image into specified number of pieces and print them. By pasting the printed pieces of the label together, a large label can be created.

Example:
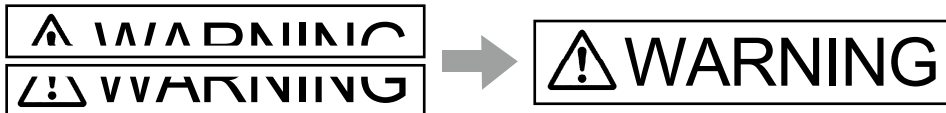
Note:
❏ *Each piece of the label is printed with top and bottom margins. Cut off the margins before pasting the pieces together.*

❏ *If your printer supports borderless printing, you can print the label pieces without the margins.*

   ☞ *"Borderless Printing" on page 40*

   ☞ *"Printers that support Borderless Printing" on page 44*

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1 Specify the number of pieces of a label in **Print-Paste Printing**.

Dotted lines are displayed as the dividing lines.
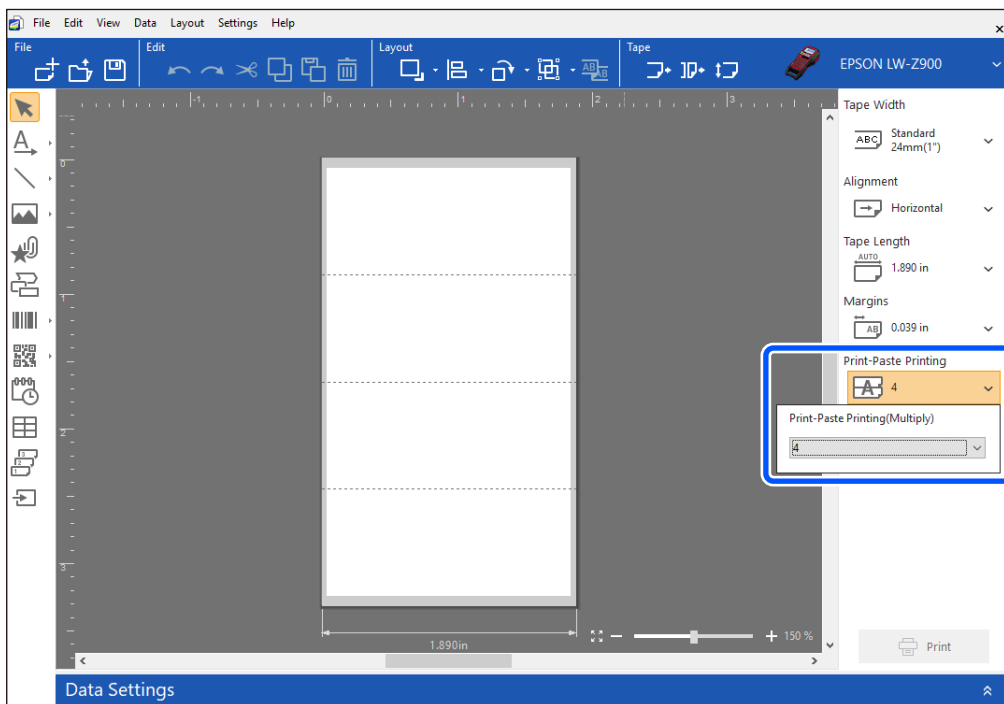
2 Enter a text.

Creating a Variety of Labels

3 Format the label by adjusting position of blocks, font size, etc.

4 Click 🖶 Print to print the file.

You can print all pieces or select which piece to print.

Label Editor   Online Manual

Creating a Variety of Labels

Transferring Label Files to Printer (Data Transfer Tool)

If your printer supports **Data Transfer Tool**, you can transfer the following files to the printer.

❏ Cable label file (created by the following functions; Punch Block, Block-66, Patch Panel, Faceplate, Flag, or Wrap)

❏ Label file created by the **Mix-Length** function

❏ Image file (BMP, JPG, PNG)

U "Printers that support **Data Transfer Tool** " on page 44

The transferred file is stored in the printer's memory. You can print the label directly from the printer without using a computer.

Note:
A minor adjustment of the transferred file may be needed on the printer. Check the file using the preview function of the printer before printing it.

The following explains how to transfer a cable label file (U "Creating Cable Labels" on page 26).

For instructions on how to open the transferred file, see the printer manual.

1 Select **Transfer Data**, and then click the **Transfer** button.

Data Transfer Tool is started.

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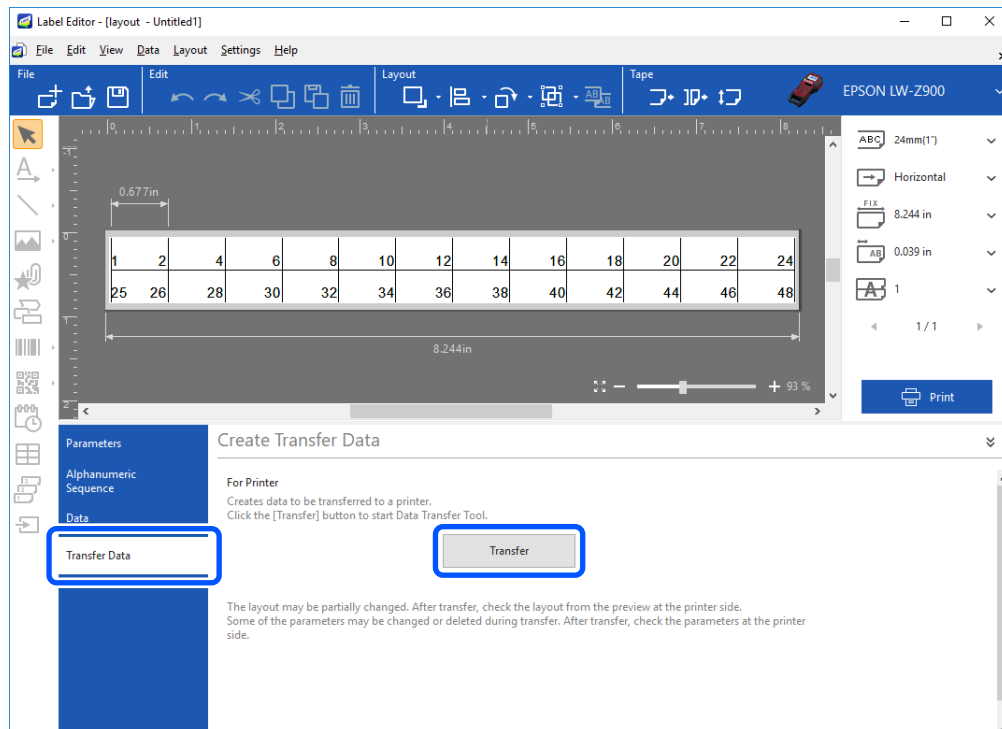
Creating a Variety of Labels

2   Select **Transfer Files**, and then click the **Transfer** button.

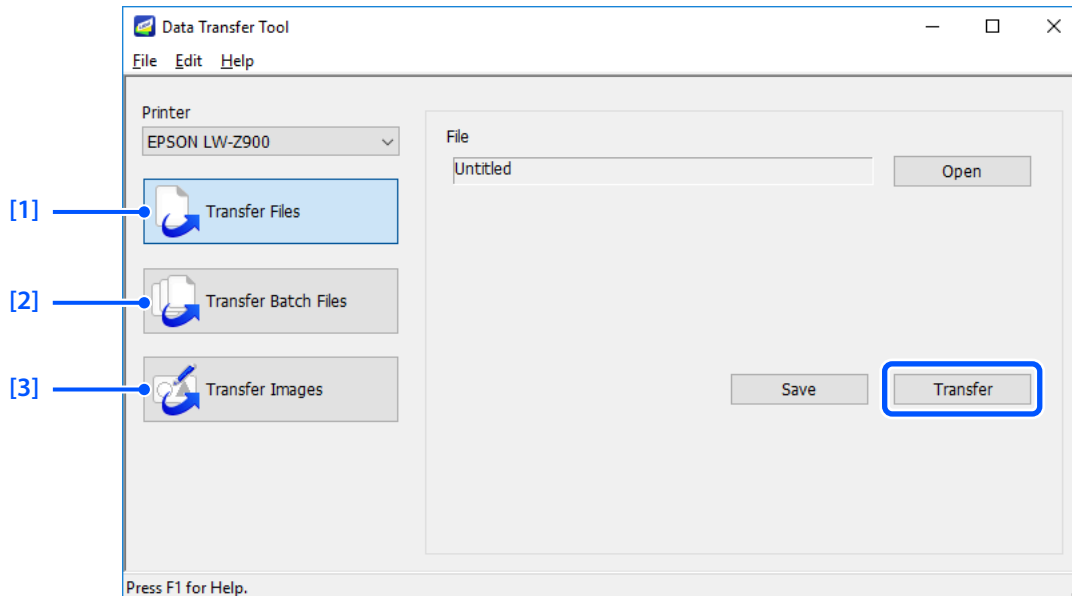|	
1.	Select this to transfer a single file.
2.	Select this to transfer more than one files (file extension is .dt3) that were saved using **Data Transfer Tool**.
3.	If your printer supports image transfer function, you can transfer image files in BMP, JPEG, or PNG format to the printer. Click the **Load** button and select an image file to transfer. Printers that support the image transfer function ☞ "Printers that support **Data Transfer Tool** " on page 44

> *Note:*
> *To save the file under a new file name on the computer, click the* **Save** *button. The file is saved in transferable format (file extension is .dt3).*

Printing

Printing Labels

1 Click [🖨 Print] on the right side of the window.

2 Make the print settings, and then click **Print**.
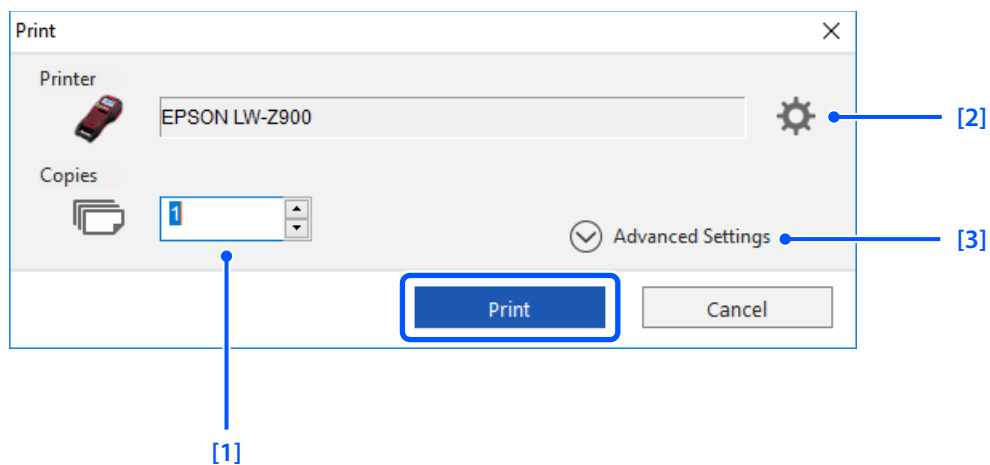
Printing is started.

1.	Specify the number of copies.
2.	Click this to display the printer driver properties window. You can change the tape settings, cut settings, etc.
3.	Click this to make the settings for serialized labels, or labels created using the Data creation window or using the **Print-Paste Printing** function.

Borderless Printing

If your printer supports borderless printing, you can print labels without top, bottom, left and right margins.

1 In the tape settings area, click the **Margins** setting, and select the **Borderless Printing** check box.
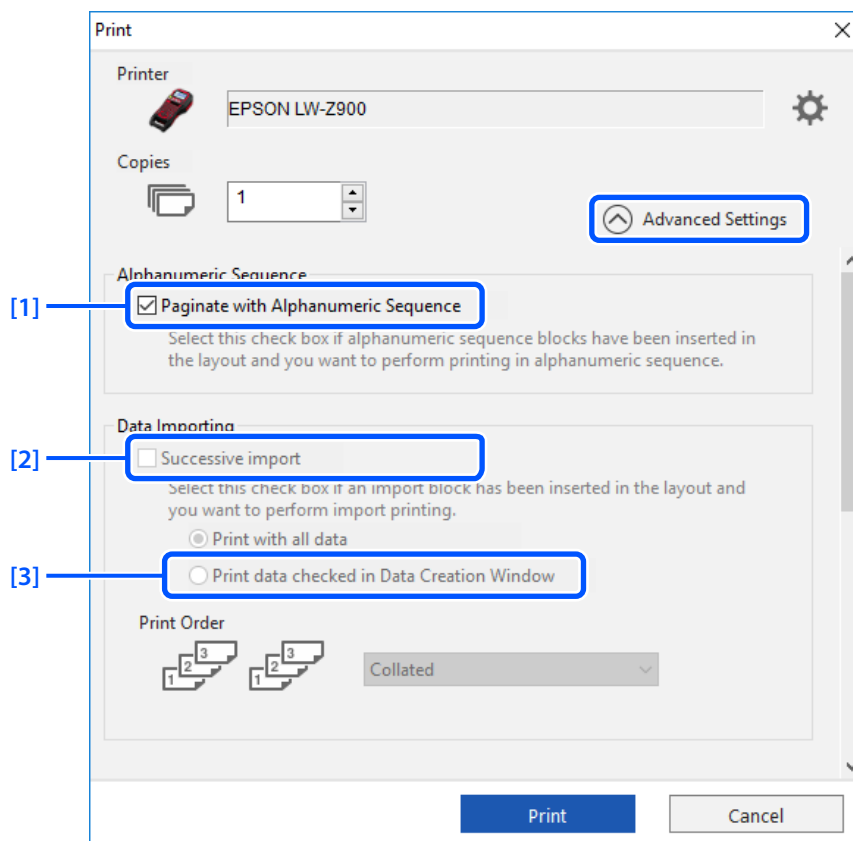
All margins disappears from the label image in the Layout editing window, and entire print area is used as the label area.

Printing
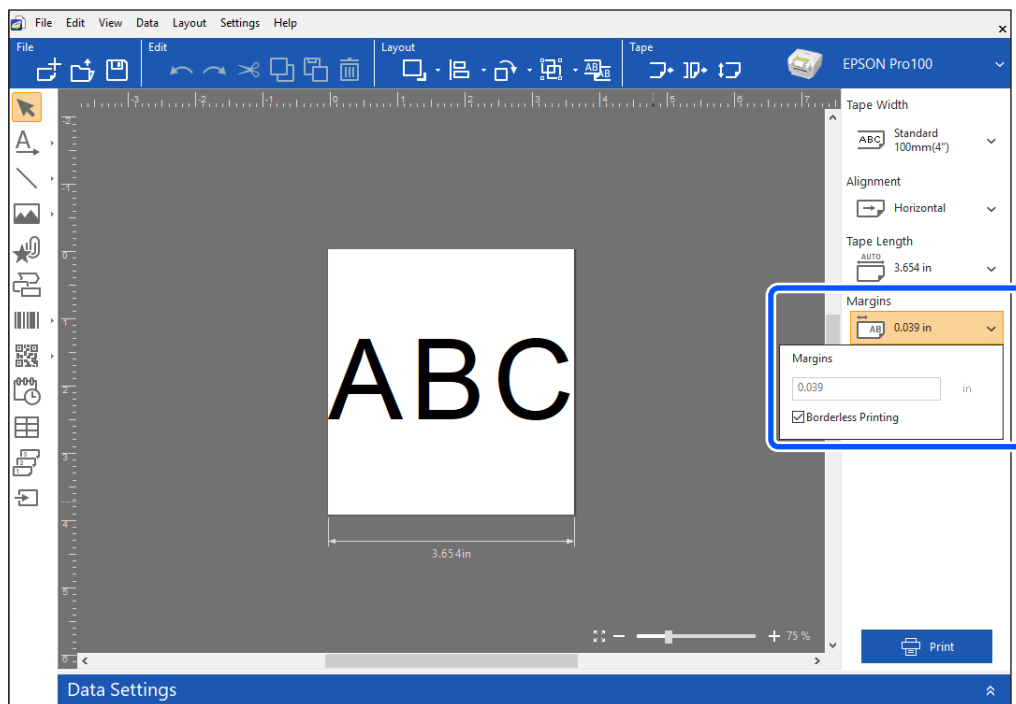
Printing Labels with Serialization Object or Labels Created Using the Data Creation Window (Advanced Settings)

On the **Print** dialog box, click **Advanced Settings** and make the necessary settings.
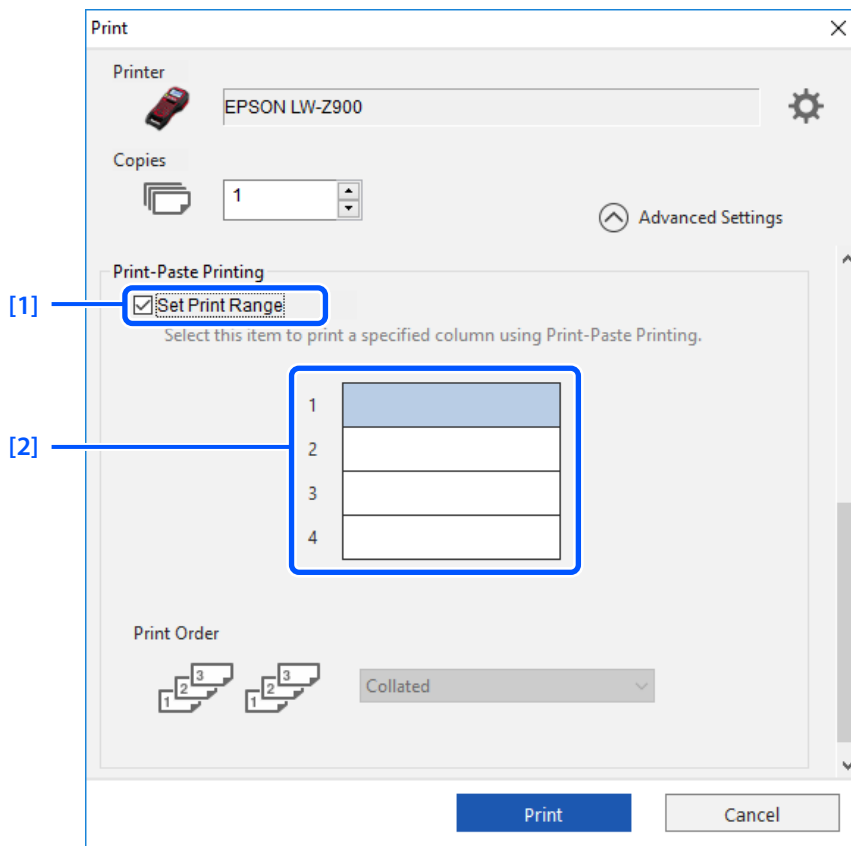
Printing

1.	Select this check box to print labels with automatic serialization object.	
2.	Select this check box to print multiple labels created using the Data creation window.	
3.	If you have selected rows to print in the Data creation window, select this check box. ☞ "How to Use the Data Creation Window" on page 12	

Printing Labels created using the Print-Paste Printing Function (Advanced Settings)

You can select one or more pieces of the divided label, and print only the selected pieces. Scroll to the bottom of the **Advanced Settings** window, and make the settings in **Print-Paste Printing**.

1.	Select this check box to enable selection of pieces of the label to print. Clear this check box to print the all pieces.	
2.	Click on a piece you want to print.	

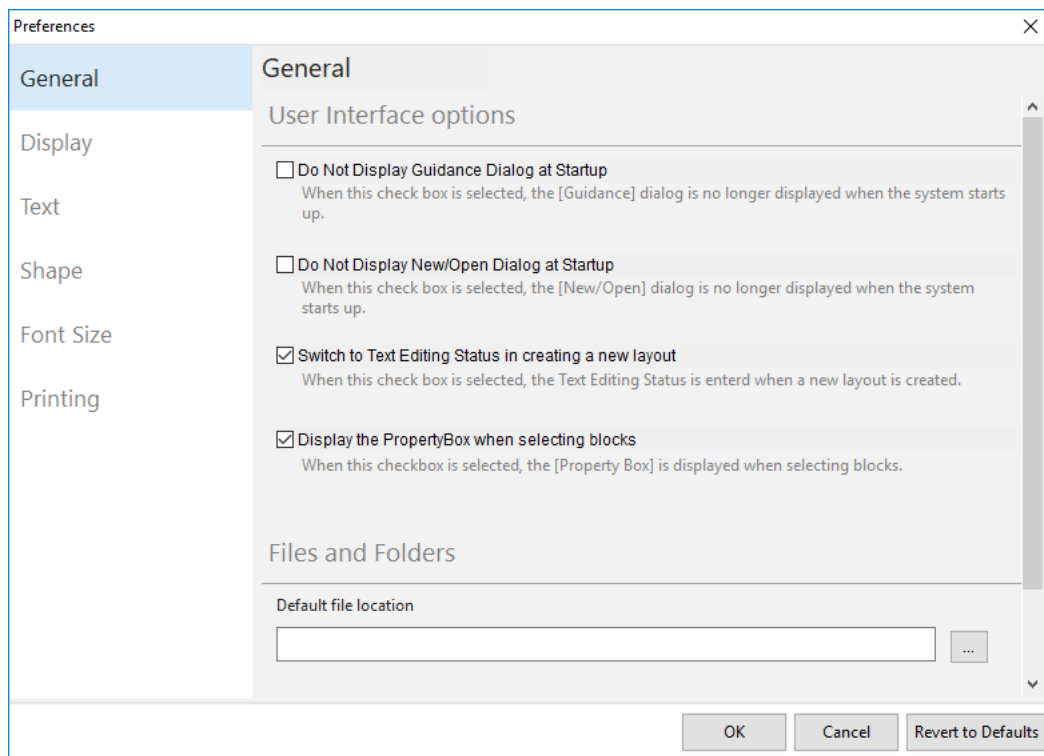# Changing Preference Settings

Changing Preference Settings (Preferences)

The preference settings allow you to display or hide some windows, and change default settings of display, font, shapes, and print settings.

From the menu bar, select **Settings** - **Preferences**.

Appendix

List of Printers by Supported Function

Printers that support Data Transfer Tool

Model Name	Available Function	
	File Transfer	Image Transfer
LW-Z5010 Series	✔	✔
LW-Z900	✔	-
LW-Z700	✔	✔
LW-PX900	✔	-
LW-PX750	-	✔
LW-PX700	✔	✔
LW-K600	-	✔

Printers that support Borderless Printing

❏ Pro100

❏ PEARLabel 400iXL

*The function is available with 50 or 100 mm width tape.

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H_DEF.FM

Conv Info.

1 Label Editor

2 M00124801

3 EN

4 STD

5 STD

6 NA