

PROJECT complete

Marking software

About PROJECT complete

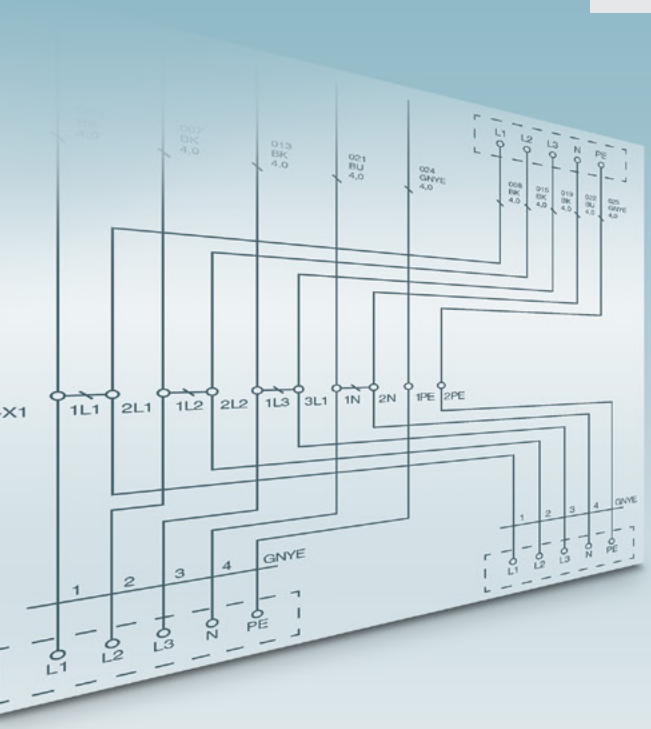
PROJECT complete is a direct replacement for CLIP PROJECT and offers a new look and new features. The software is free and can be downloaded and registered at:
www.phoenixcontact.com/project-complete

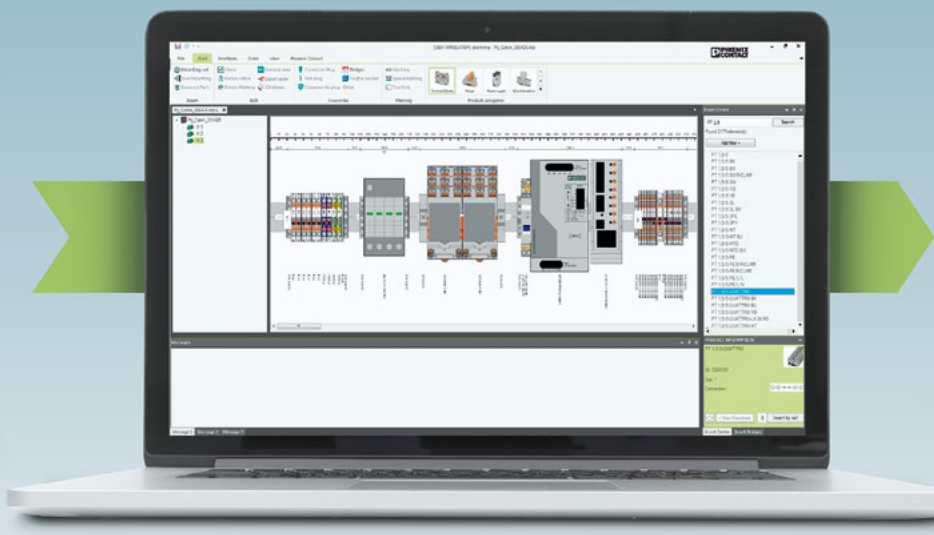
This guide will help step you through the features of creating and printing marking files.

Operating system: MS Windows 7 (32/64-bit), MS Windows 8 (32/64-bit), MS Windows 8.1 (32/64-bit), MS Windows 10 (32/64-bit)
For assistance with any topic in this guide, please contact our technical service department:
800-322-3225: Monday-Thursday 8 am-8 pm EST, Friday 9:30 am-5 pm EST

New features of PROJECT complete marking

- The template build is now included to create custom templates
- Speed marking for rail assembly
- Easier visual layout
- Search for materials by type or part number





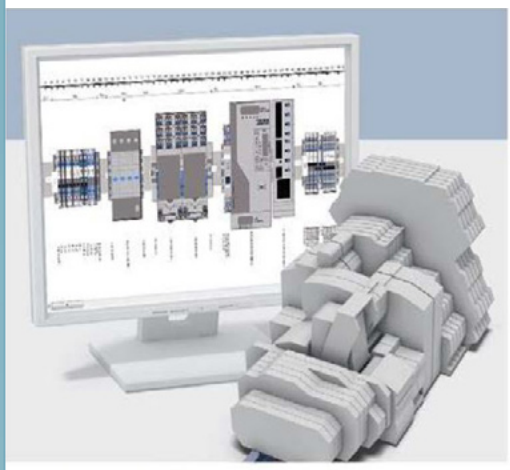
Creating and printing a marking file

Getting started

Click the PROJECT complete marking icon to open the software.

Allow a moment for the program to load.





PROJECT complete

Planning and Marking Software

1.0.8545

PHOENIX CONTACT

INSPIRING INNOVATIONS



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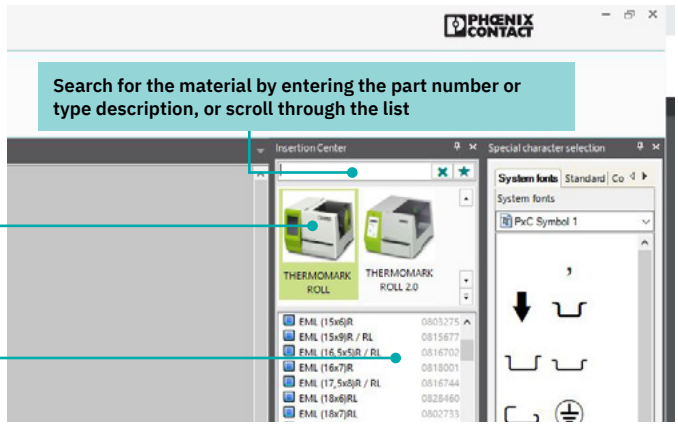
Inserting new material

The initial starting page will display the ability to create a new marking project

Using the Insertion Center (if Insertion Center is not active, go to View and click the insertion center icon) navigation panel, select your printer

Using the material list associated with your printer, select your desired marker

Double-click to insert the marker file on the screen

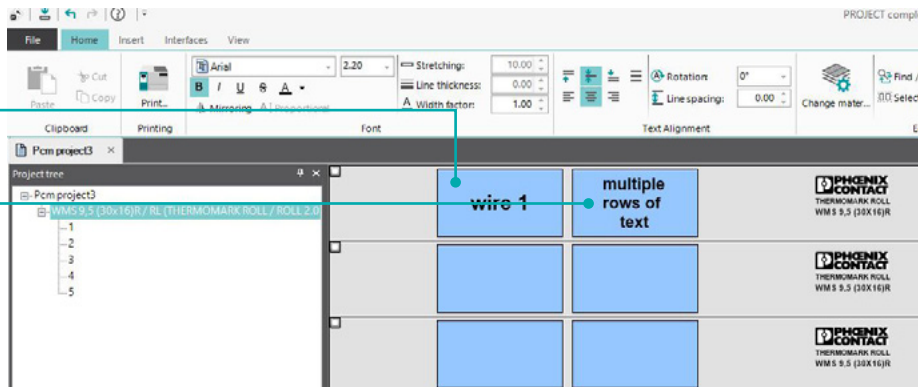


Inputting data

Click on the marker to enter data

To enter multiple lines of text on a marker, hold Alt + Enter or use the down arrow on the keypad

By hitting Enter or Tab, you will be moved to the next row of markers



Text editing tab

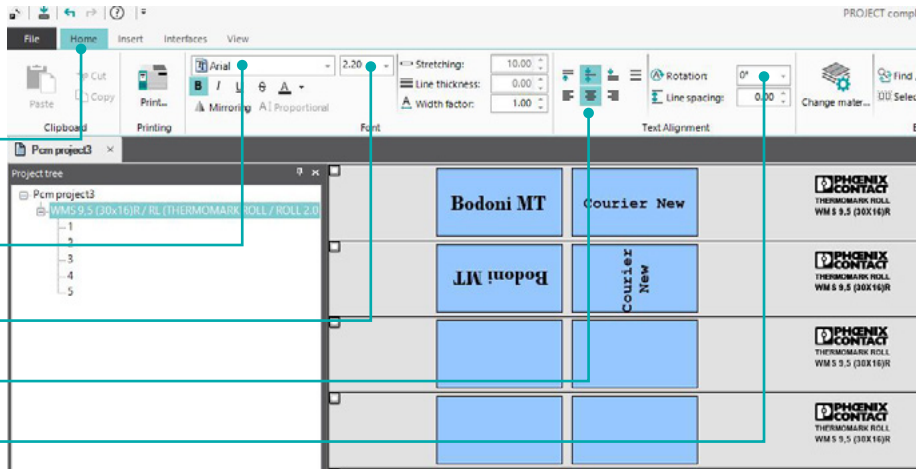
Click the Home tab (the marker must be highlighted before changing the font)

Choose a font type. Arial is the default

Set font size if needed

Set font alignment

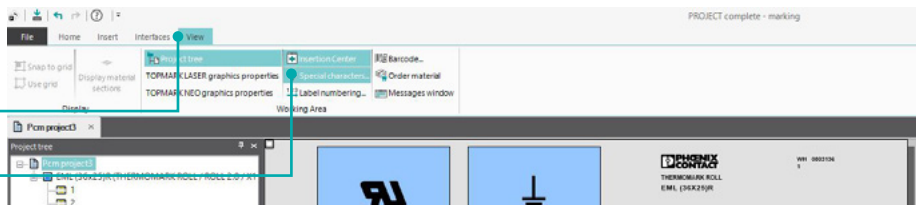
Text rotation



Special characters

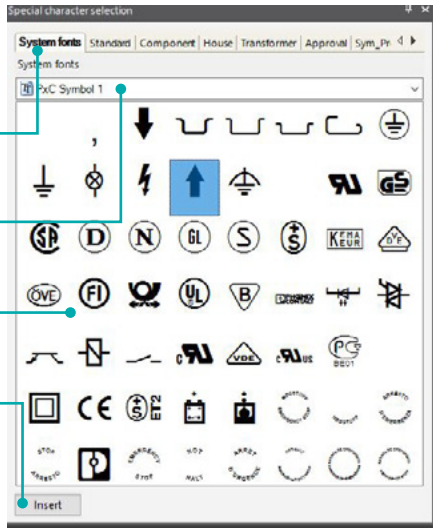
Click on View

Click Special characters



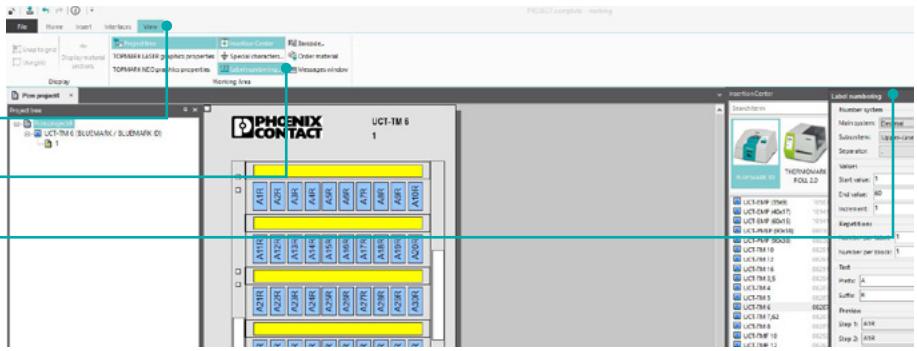
Working area: special characters

- Choose symbols from categories by selecting the tab along the top of the window
- The drop-down menu opens up other choices under System fonts only. All others have just one type
- Select the desired symbol
- Click insert, double-click, or drag and drop onto the marker



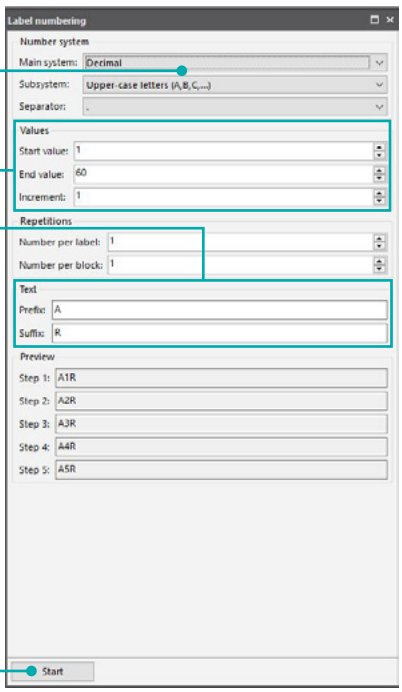
Automatic sequencing

- Click View
- Click on Label numbering
- Label numbering

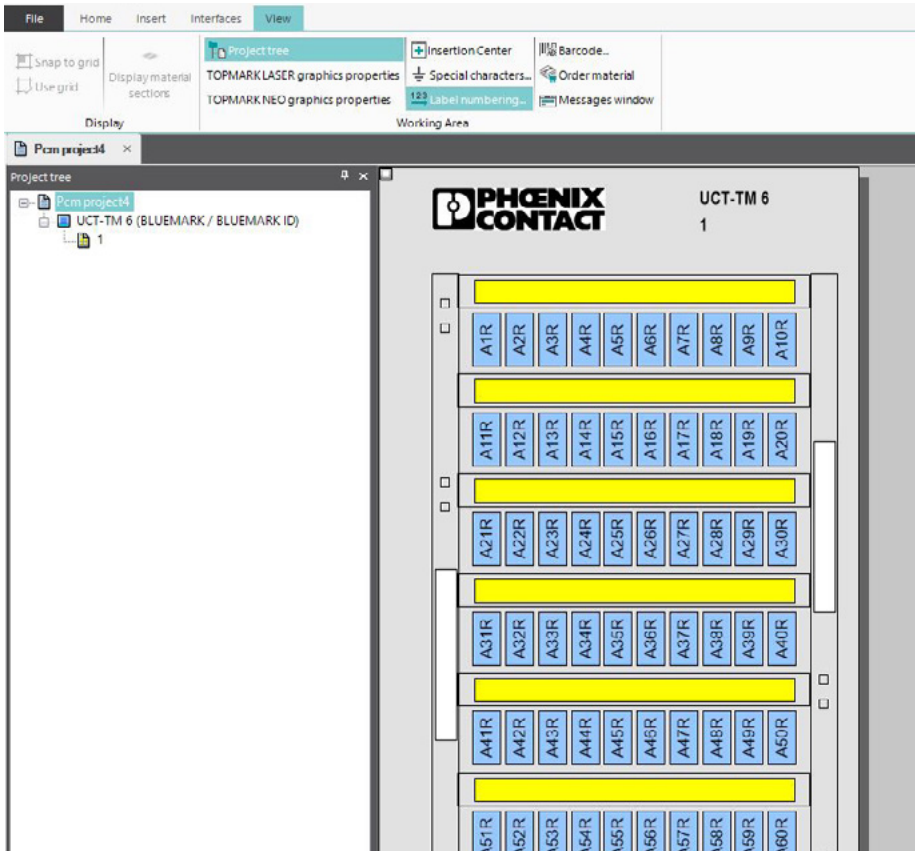


Working area: automatic sequencing

- Choose between numbers or letters
- Select the start value, end value, and increment
- Enter any alphanumeric prefixes if needed
- Click Start

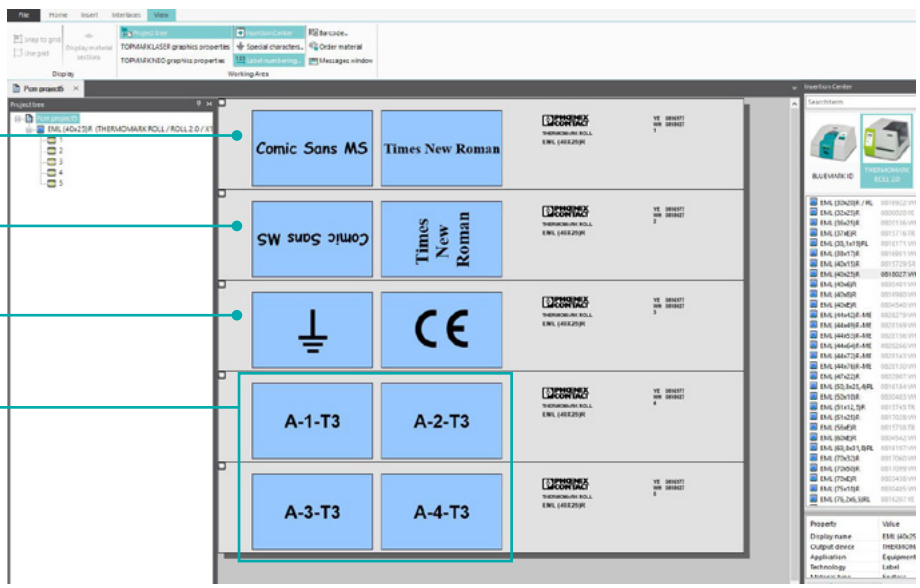


Label numbering sample



Examples

- Font style and size
- Text rotation
- Symbol
- Enumeration with the prefix A- and postfix -T3



Using the Auto Fill function

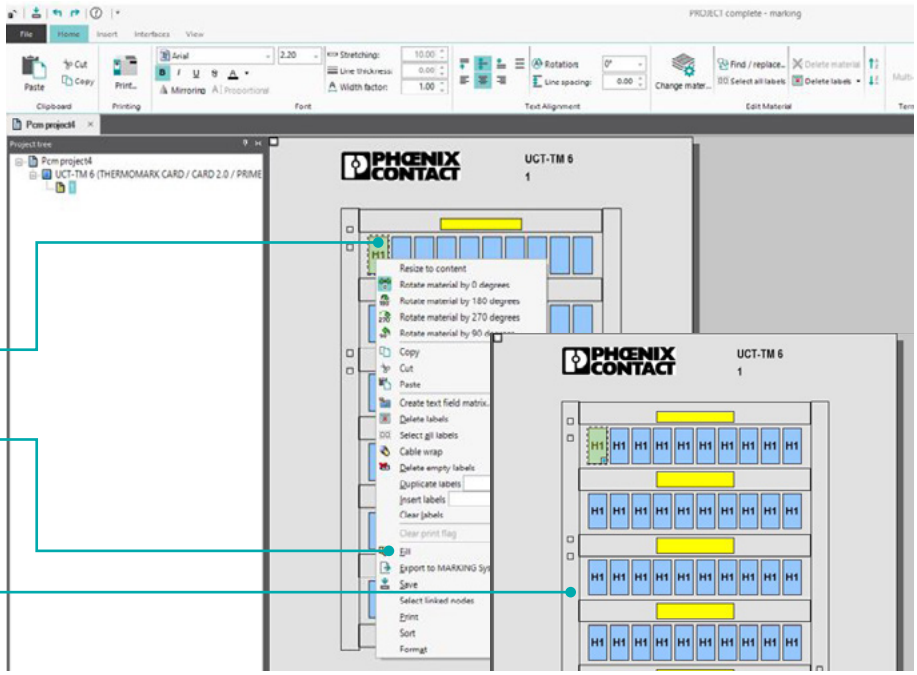
This fills the remaining markers with the same content

Only available for labels with multiple rows of markers

Enter data into the first marker

Right-click on the first marker and select Fill

The remaining markers are filled with that data

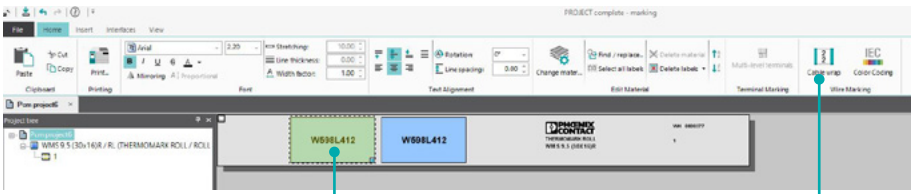


Using the Automatic wire marking function

Create 360° visibility ideal for wire marking

Enter the data on the wire marker
Make sure the marker is selected as indicated by the green highlight

Select Cable wrap under the Home tab



Data is then automatically repeated in as many rows possible to ensure visibility in all directions.
(Font must be small enough for multiple rows)

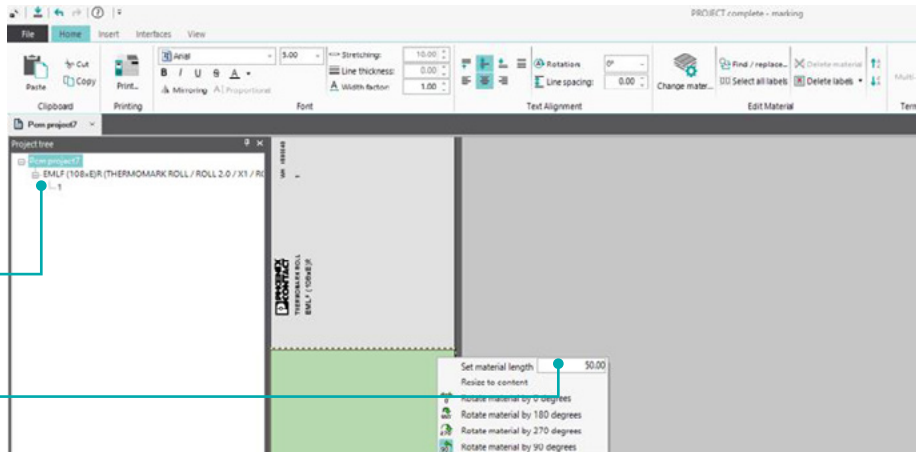


Setting the length of endless material

The unit of measure is metric by default, you can change this in Options

Select an endless material (designated with an “E” in the parentheses)

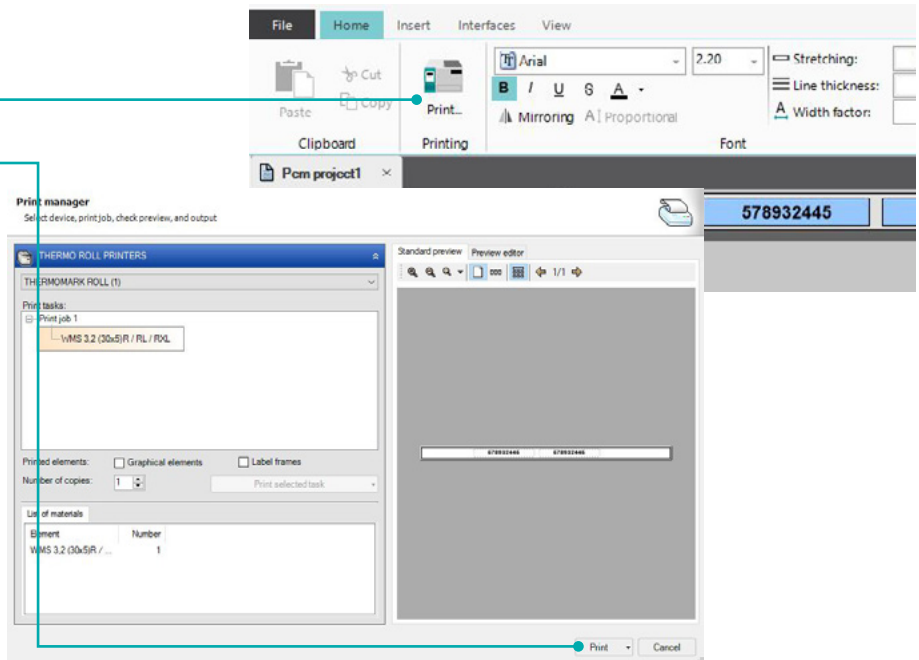
Right-click on the marker and under “Set material length,” type in the desired length. Hit enter to apply



Print

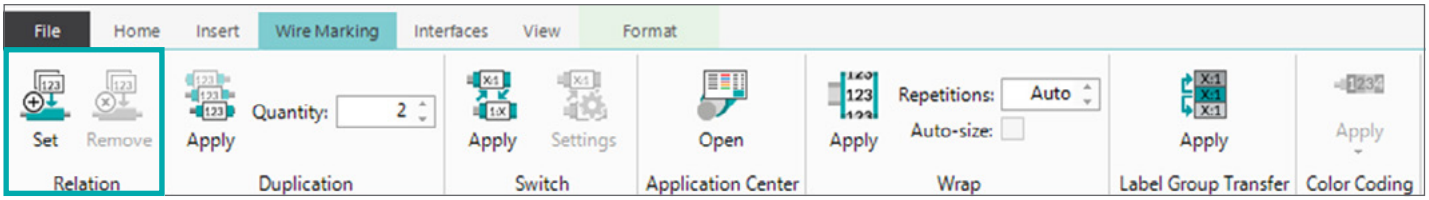
Click to Print

Click Print in print manager



PROJECT complete wire marking features: **Set relation**

Set the relation from the label to the wire.

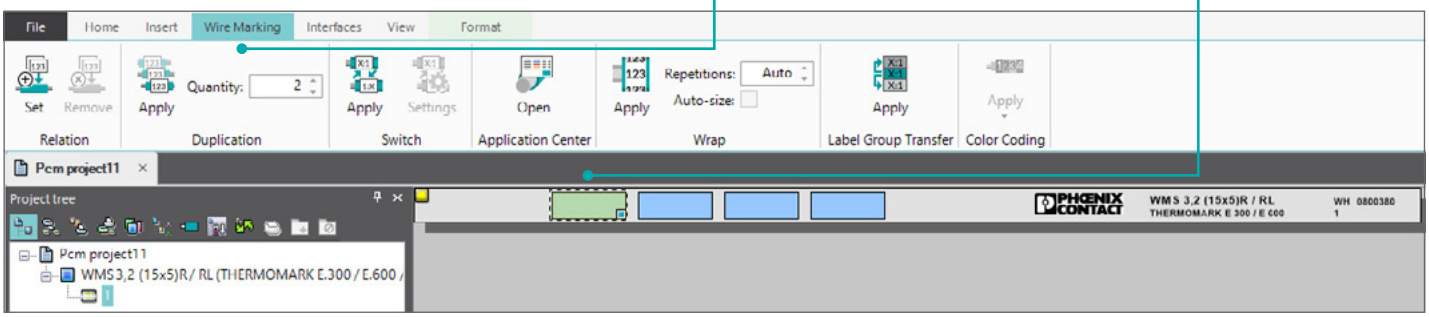


The Set Relation feature allows you to set the relation from the label to the wire to organize individual markers or multiple markers in a file, providing easy organization of markers to wires.

1. Open your marking file or create a new file.

2. Navigate to the Wire Marking tab in the menu bar.

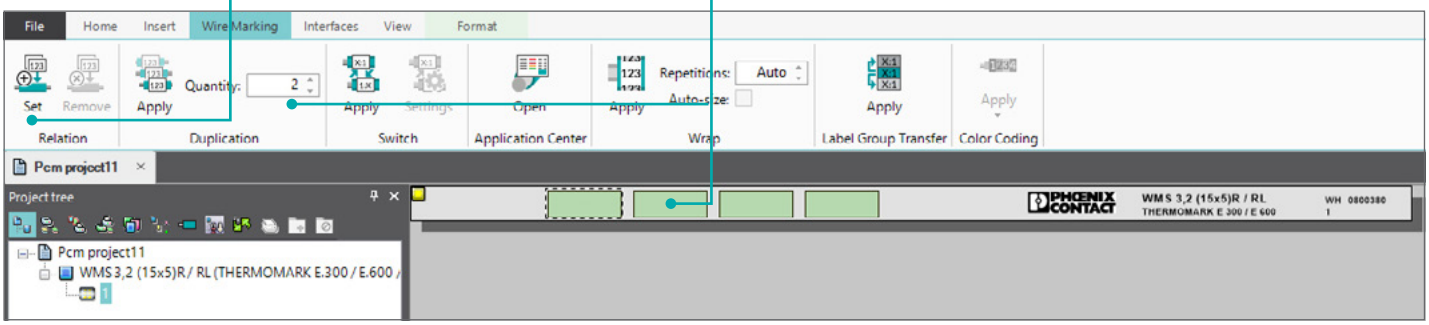
3. Select the first marker in your file so it is highlighted green.



4. Click the Set button located in the Relation section of Wire Marking. This will automatically set the marker relation to wire #1.

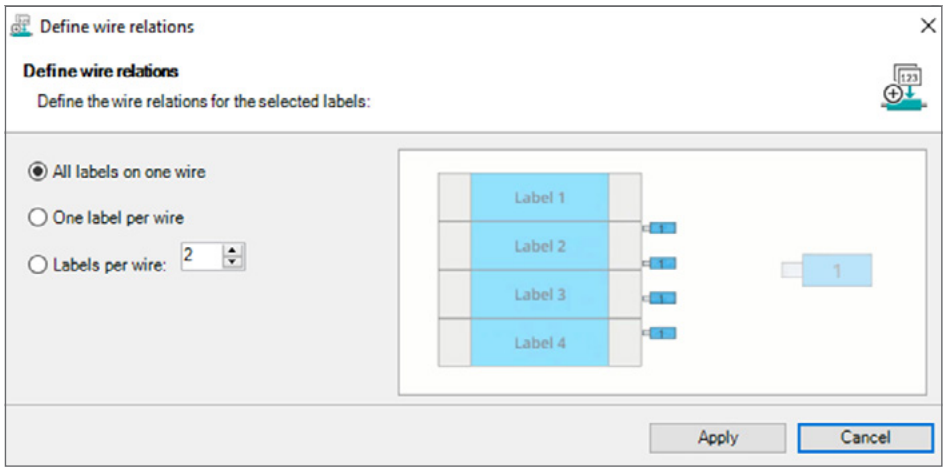
5. Selecting the next marker and clicking Set will set the relation to wire #2. This process will set the relation to the next number in the sequence to mark each wire.

6. To set a relation for multiple markers at a time, select multiple markers and click Set.



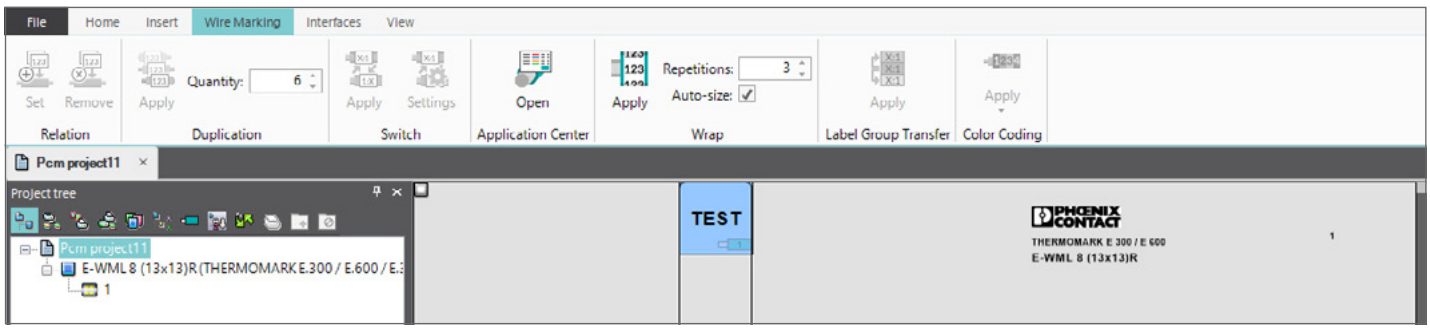
PROJECT complete wire marking features: **Set relation**

7. This will open a dialogue window where you can further define custom wire relations to each marker in the file. This window will only become available if you have multiple markers selected before clicking Set. Note: In the Define Wire Relations window, you can set the wire relation to designate all markers for one wire. Additionally, you can set one label per wire as well as customize the number of labels that will go on each wire. Click Apply to set relation



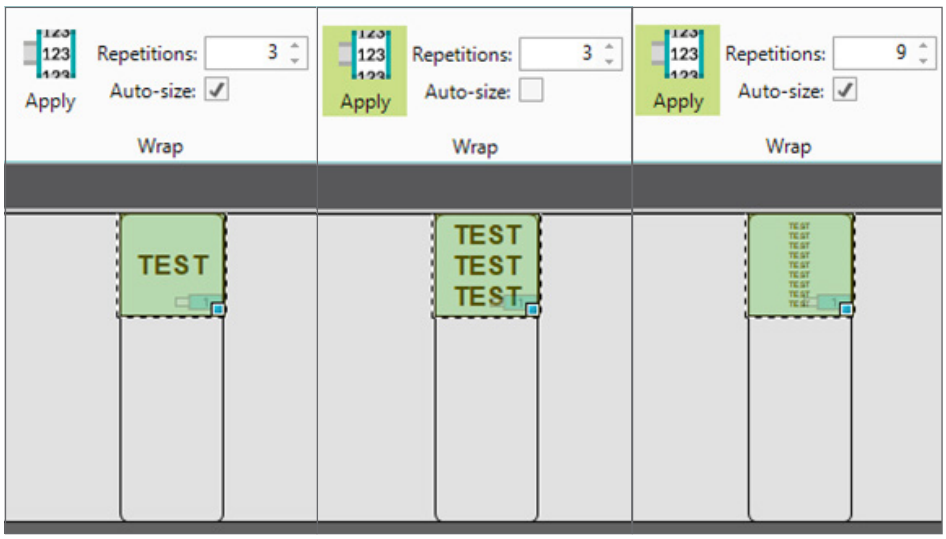
PROJECT complete wire marking features: **Wire wrap feature**

Use the wire wrap feature to repeat markers to fill a single marker easily.



1. Open a blank marker file and add one single line of text to the marking area

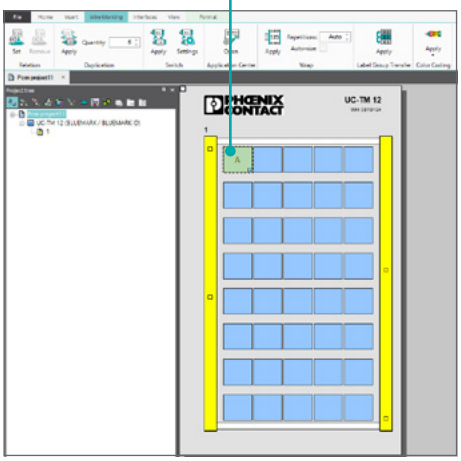
2. Set the number of repetitions needed and click Apply.
   Note: The marker will only fill the number of repetitions that will properly fit the marker. Click Auto Size to automatically set the marking to fit the marking area



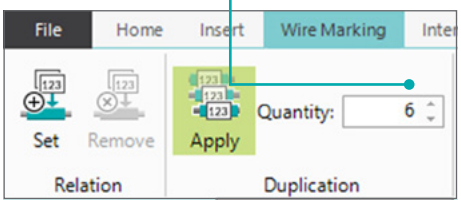
PROJECT complete wire marking features: **Duplication**

Automatically set the quantity of markers needed.

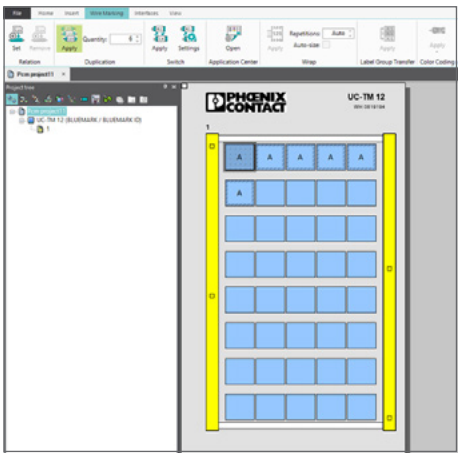
1. Select a marked marker to highlight it in green. This will enable the duplication option in the wire marking tab of the PROJECT complete menu



2. Using the duplication quantity field, set the number of duplications needed for the selected marker. Click Apply.



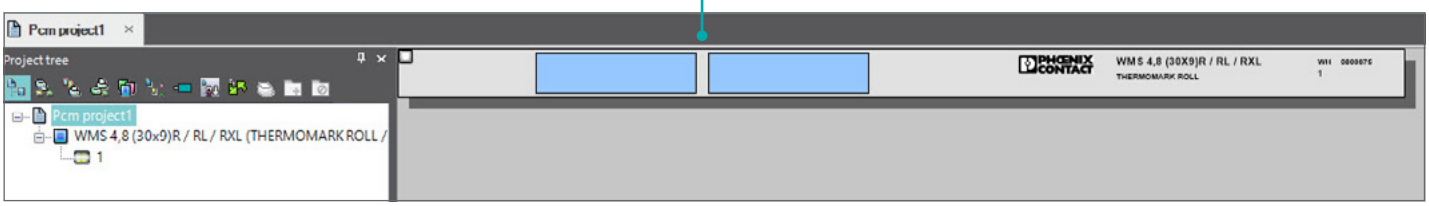
3. The marker file will show the set number of duplicates for the selected marker



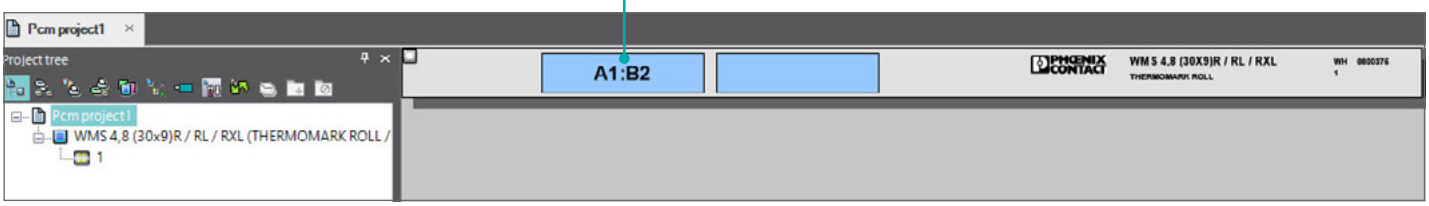
PROJECT complete marking: **Basic wire switch feature**

The PROJECT complete marking switch feature allows you to automatically reverse the wire source and target to create a matching file for each end of the wire connection.

1. Create a file with at least two wire marking sets

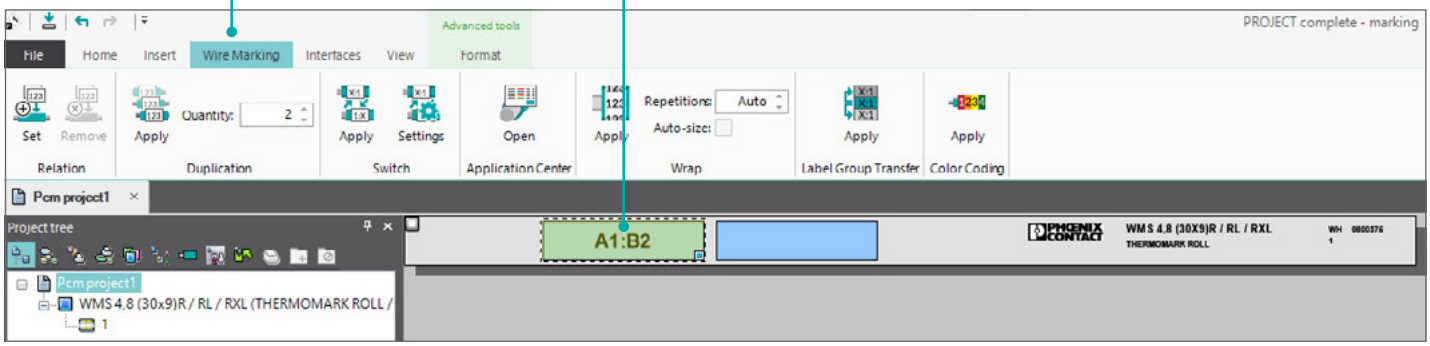


2. Using the text tool, mark the first label with the wire source (A1) and the wire target (B2), separated by a colon

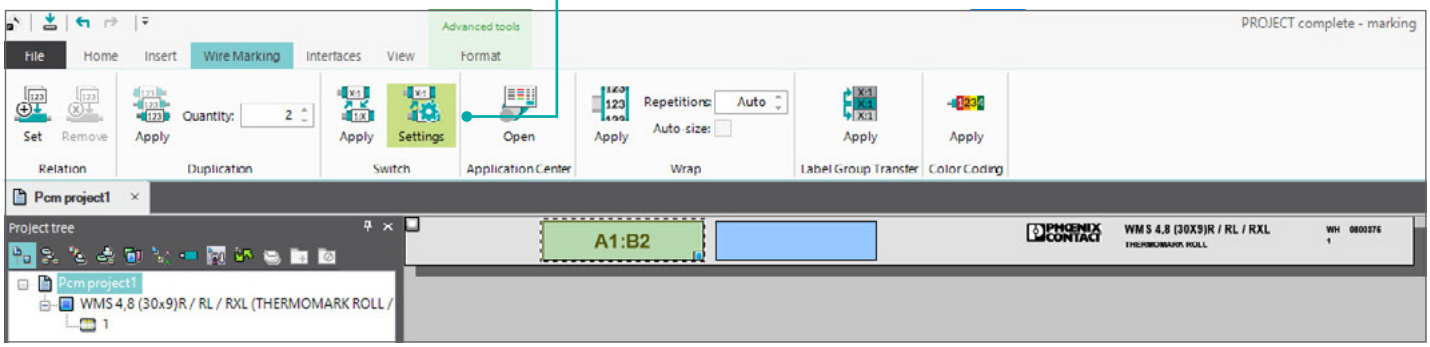


PROJECT complete marking: **Basic wire switch feature**

3. Select the first label with your cursor and highlight Wire Marking in the tool bar

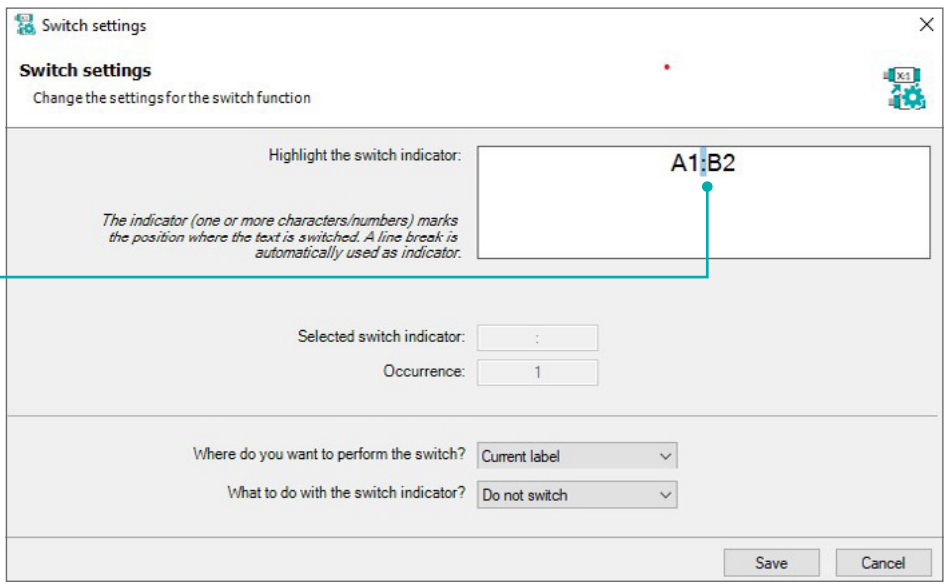


4. Click Settings



5. In the Switch settings window, specify the switch indicator by highlighting it with your cursor. In this case, it is the colon. The switch indicator can be any other character if the character is specified as the switch indicator. Click Save. Example: A1/B2, A1-B2, etc.

Additional options: If working with multiple labels, you can specify the change for the current or next label. You can also choose to remove or switch the indicator in the second dropdown menu.



PROJECT complete marking: **Basic wire switch feature**



6. Using your cursor, drag to select the wire marker(s) needed to apply the switch.

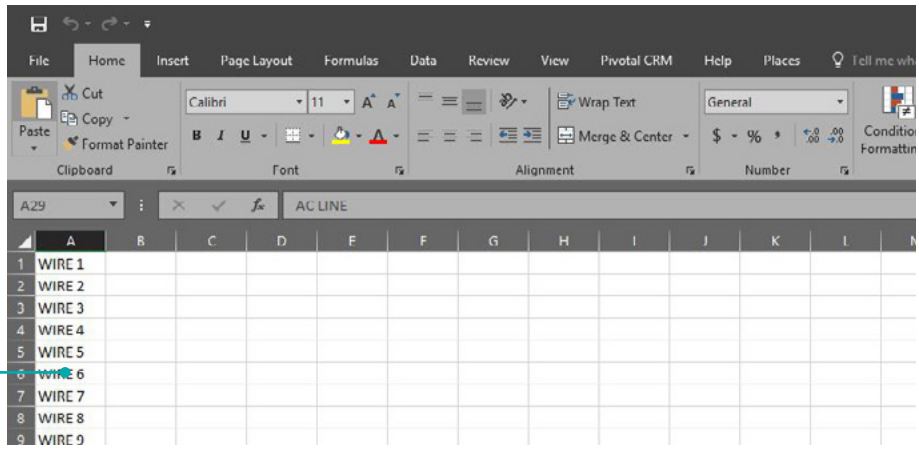


7. Click Apply in the tool bar to apply the switch of the wire source and target.

Importing data from Excel

Data can be created in Microsoft Excel (or another source) and imported into PROJECT complete. This requires an initial configuration of the Transfer Setting Manager

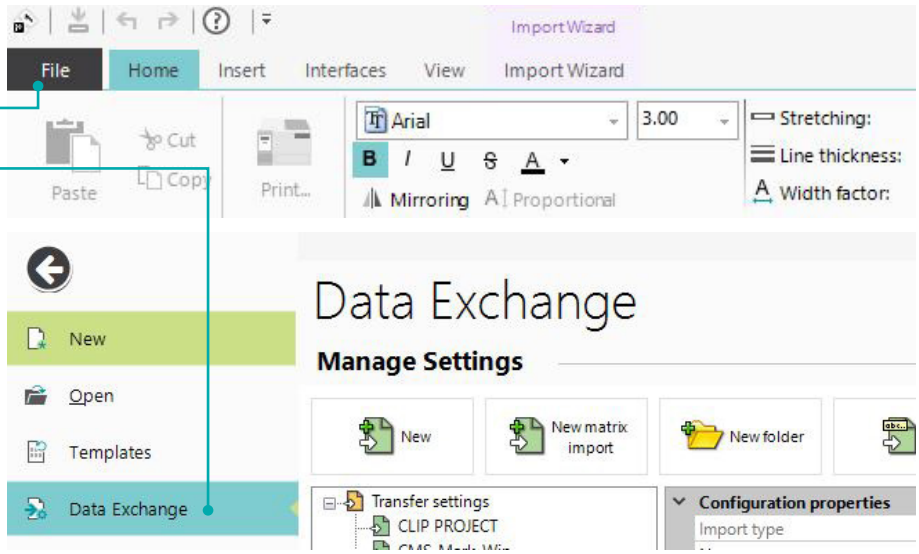
It is important to input the data into a single column of Excel. File must be saved and closed to import.



Excel import continued

Click File

Click Data Exchange



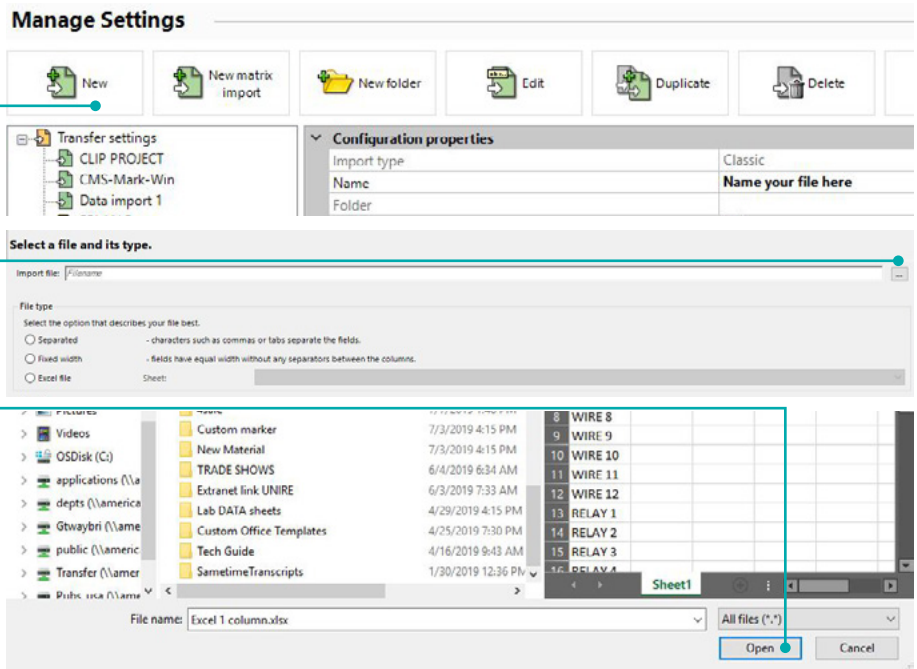
Excel import continued

Click New

Click the Browse button to find the Excel file

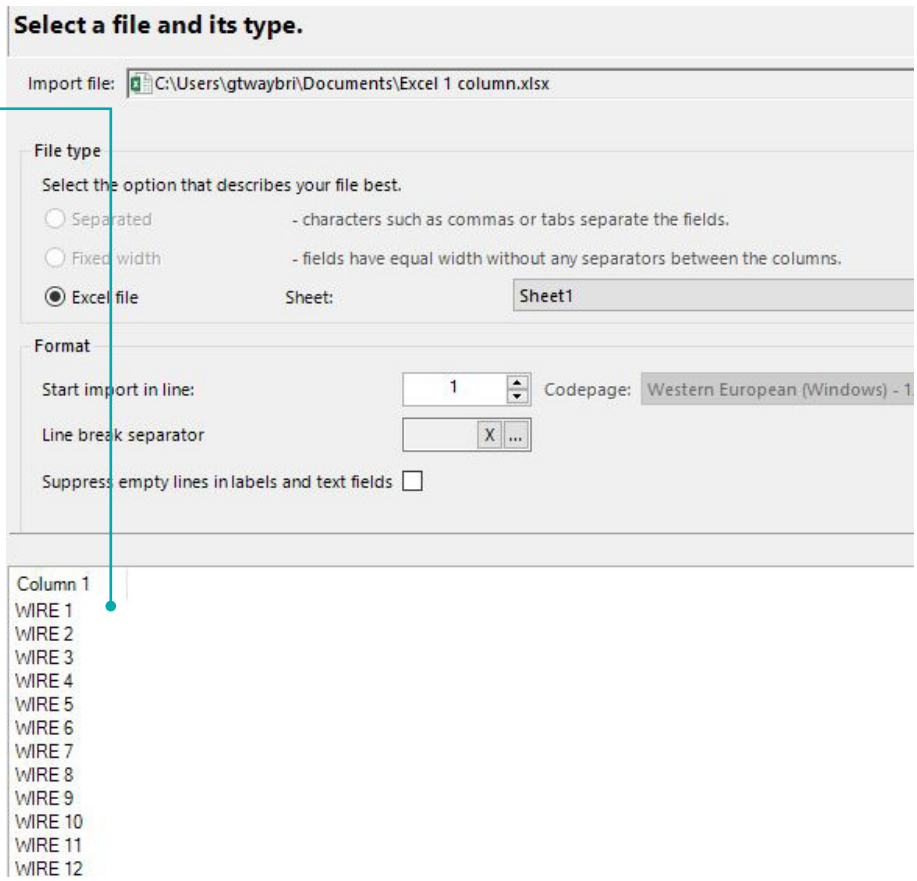
(You may have to change to All files to find the Excel file)

Click Open



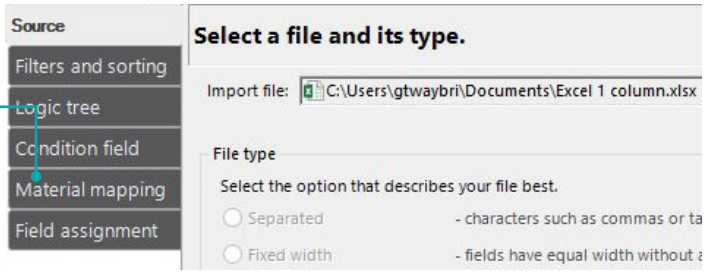
Excel import continued

Preview the data



Excel import continued

Click Material mapping

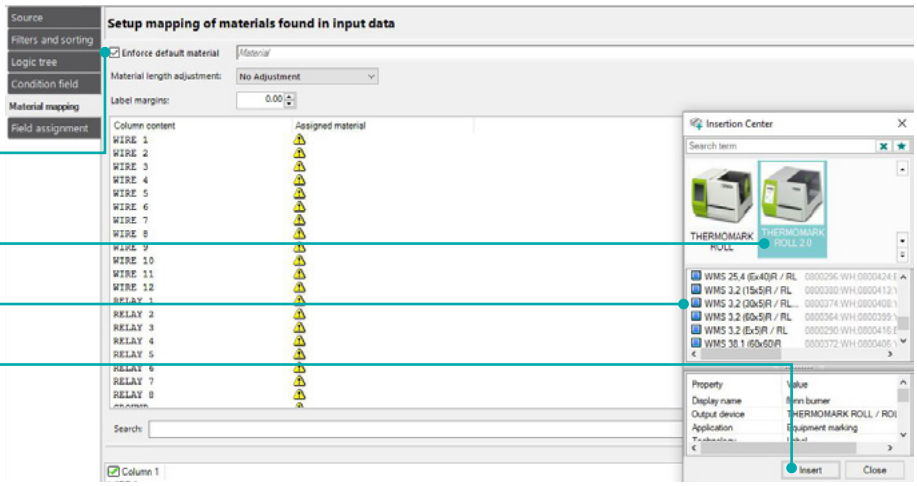


Click Enforce default material. The insertion center will automatically pop up

Select your printer

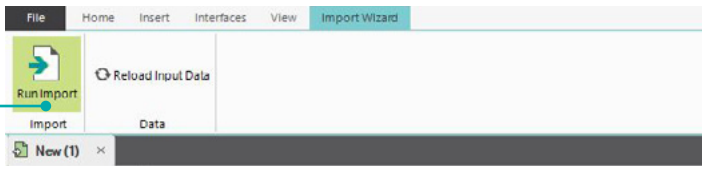
Select the desired material

Click Insert



Excel import continued

Click Run Import



The file has been imported and you will be returned to the standard view

You may make any changes as needed and print the project



Inserting graphics

PROJECT complete supports any image file (.ipg, .tif, .gif, .bmp, etc.). Pure black and white is recommended for best print quality (unless using the Bluemark ID color printer).

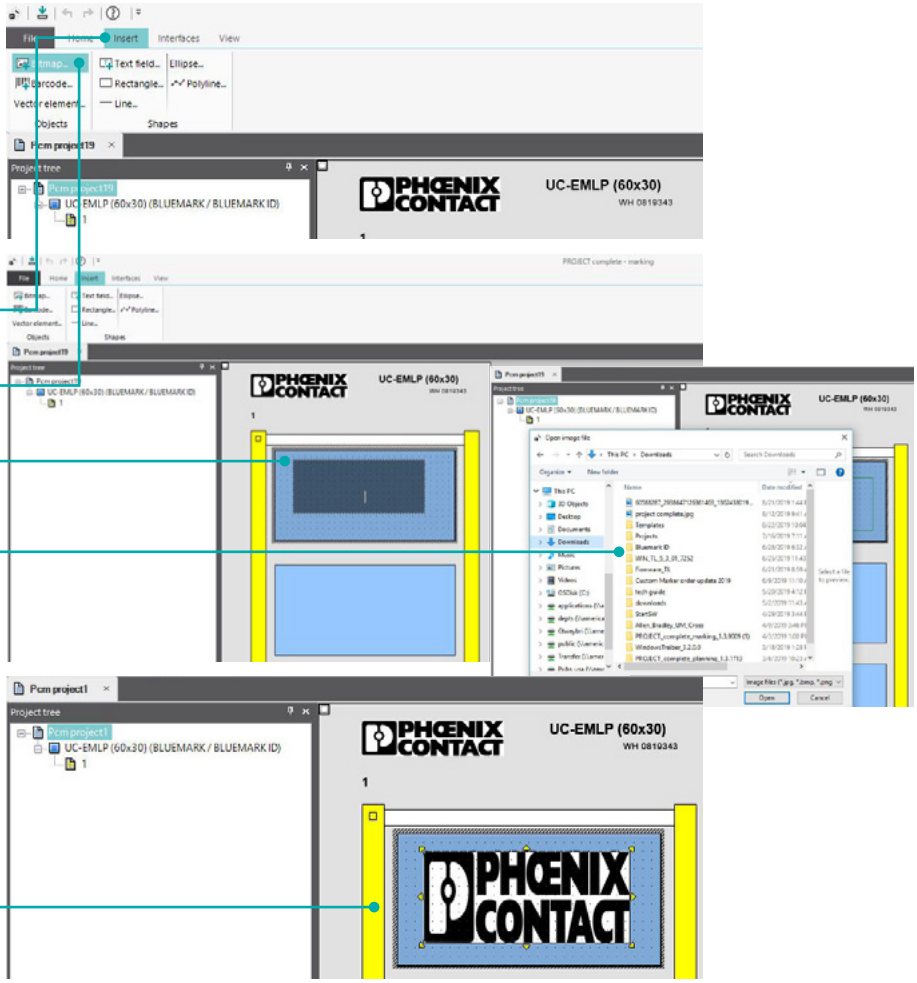
Select the desired material and click Insert at top. Click on material

Click Bitmap

Draw a box for estimated size of graphic

In the pop-up window, browse to select graphic

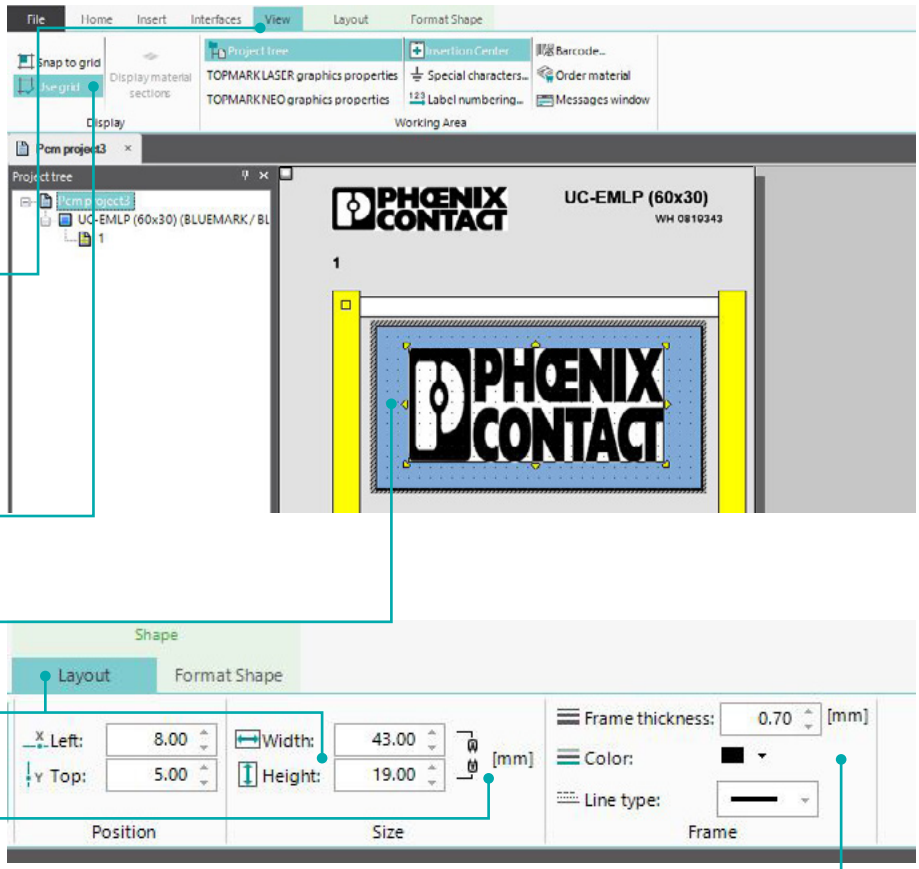
Use the yellow “grab points” for resizing the graphic



Re-sizing and positioning graphics for specific requirements

A grid helps visually lay out the graphic on the label

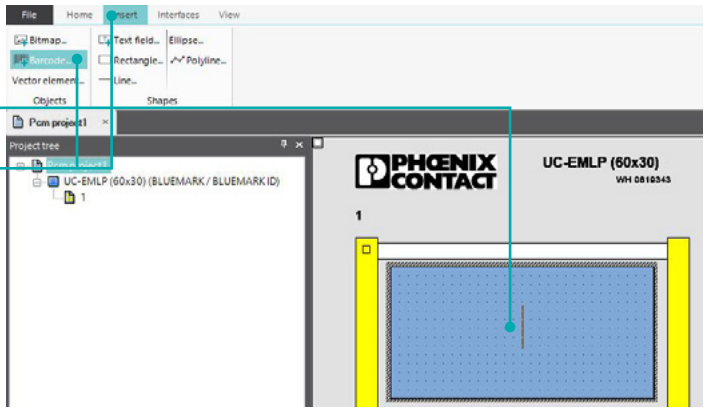
- Need to be in View
- Click in marker area to use the visual grid and snap-to grid (graphic must be highlighted for this menu to be visible)
- Toggle the visual grid and snap-to grid on or off, depending on your preference
- Visual grid and snap-to grid turned on
- Click layout and input specific dimensions for width and height
- To change the width and height independently, click the chain icon to break
- The Frame option outlines the graphic. Adjust the line thickness and choose line type from the dropdown



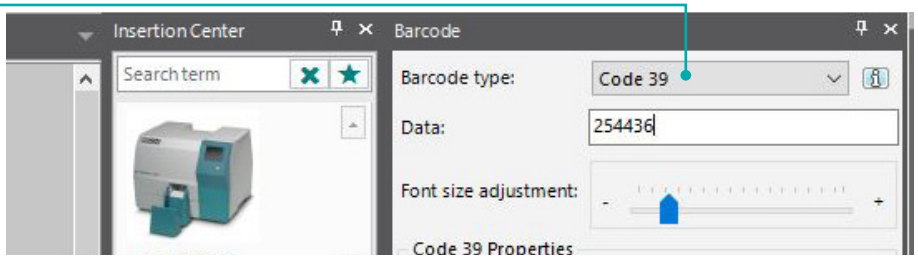
Inserting barcodes

Click to highlight the marker

Click insert and select barcode



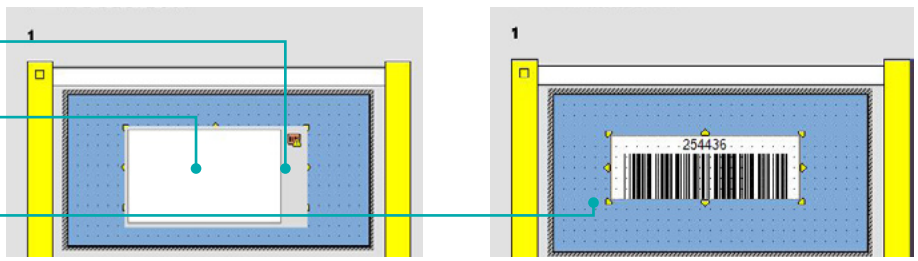
Use dropdown to choose barcode type



Use the mouse to draw a box where you want the barcode

Type in the white area and hit enter

Use the yellow “grab points” to resize the barcode if needed

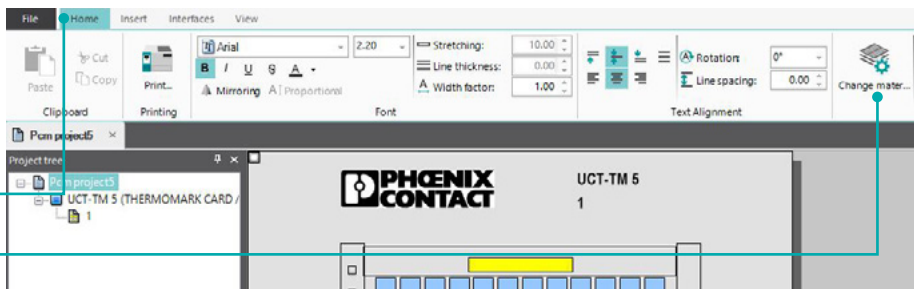


Change material wizard

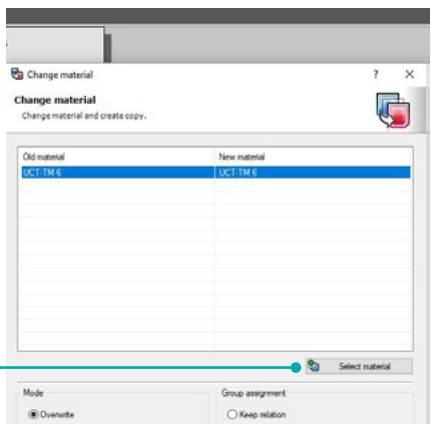
This wizard is helpful for changing the material type of an existing project

Click the Home tab

Click Change material



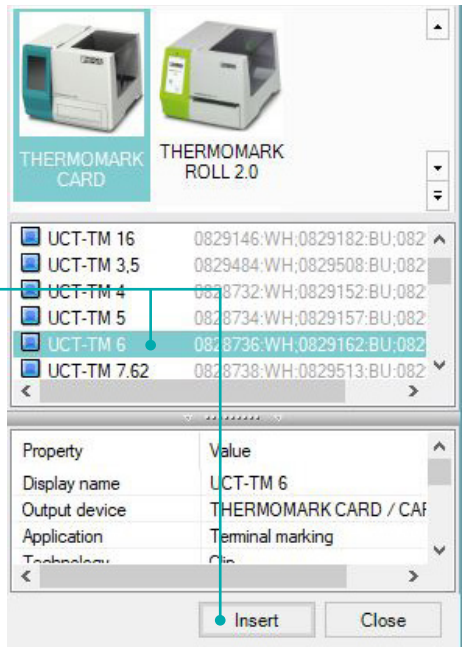
Then click Select material

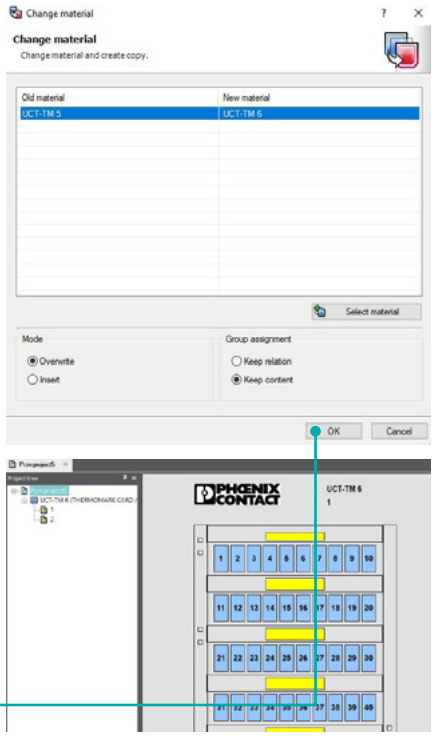


Changing material continued

You can change the material to any type regardless of material type or printer

Choose material and click Insert





Click Ok

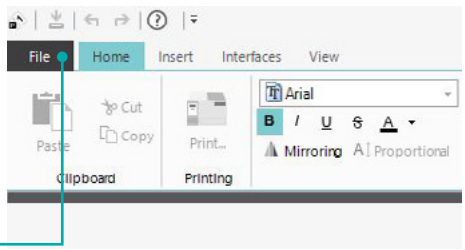
Starting a new template

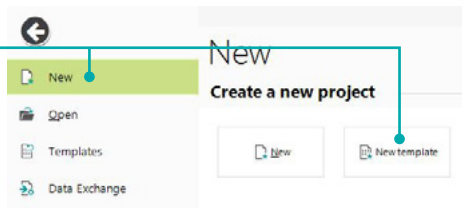
PROJECT complete offers the template creation that is used to design custom labels on existing materials

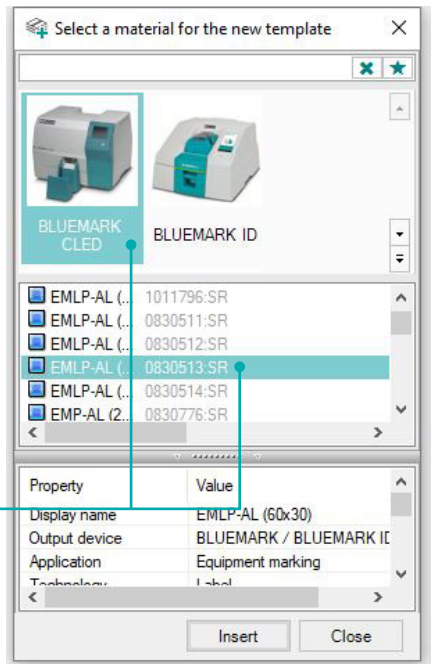
Click File

Click New and New template

Choose printer and material







Template build continued

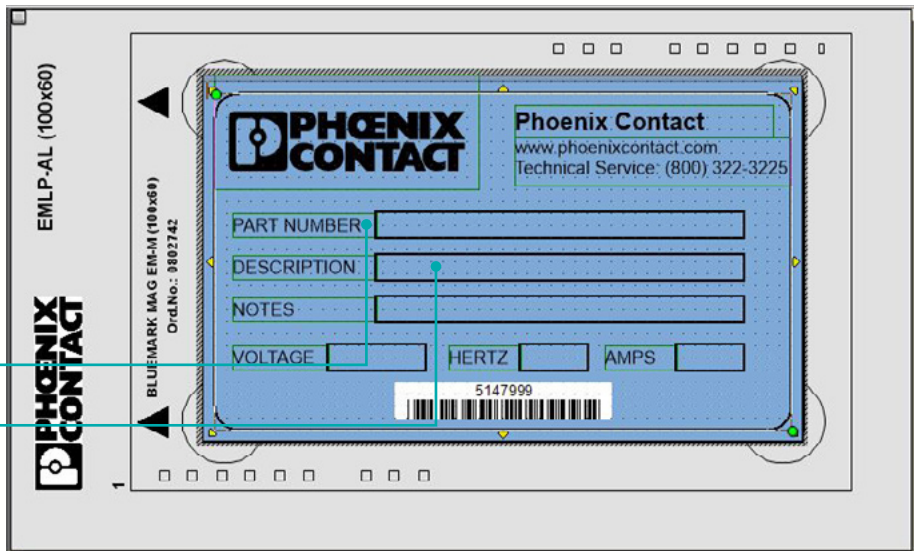
Inserting text fields

Input field: blank text field where data can be entered

Permanent field: text field with present information which cannot be altered, preventing changes to the custom template

Represents a permanent field

Represents an input field



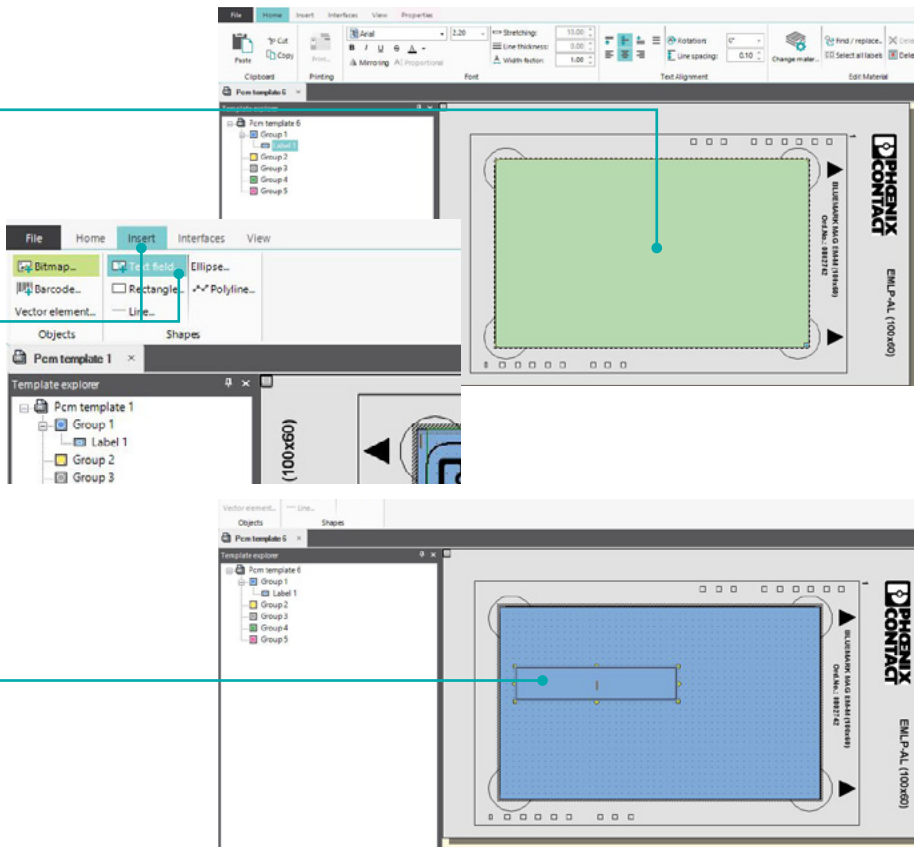
Template build continued

Highlight template

Click the View tab and choose the snap-to grid and Use grid

Click Insert and select Text field

Draw a box the estimated size of the text field (can be adjusted later)



Template build continued

Click the area to be protected

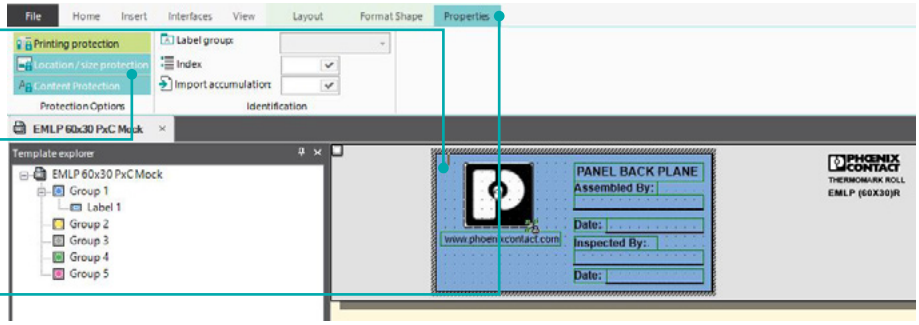
Click Content Protection and Location Protection

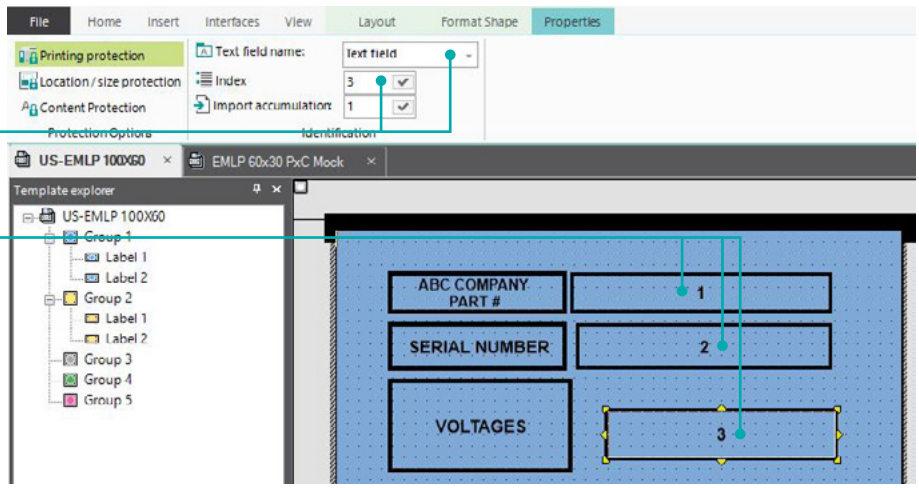
This locks the graphics and text fields so they cannot be changed

For indexing through text fields, you need to click on Properties to access the text field name and number

Click in the Text field and give it a name (optional), hit Enter. Give it a number in the Index box and select the checkmark

Indexing example, 1, 2, 3



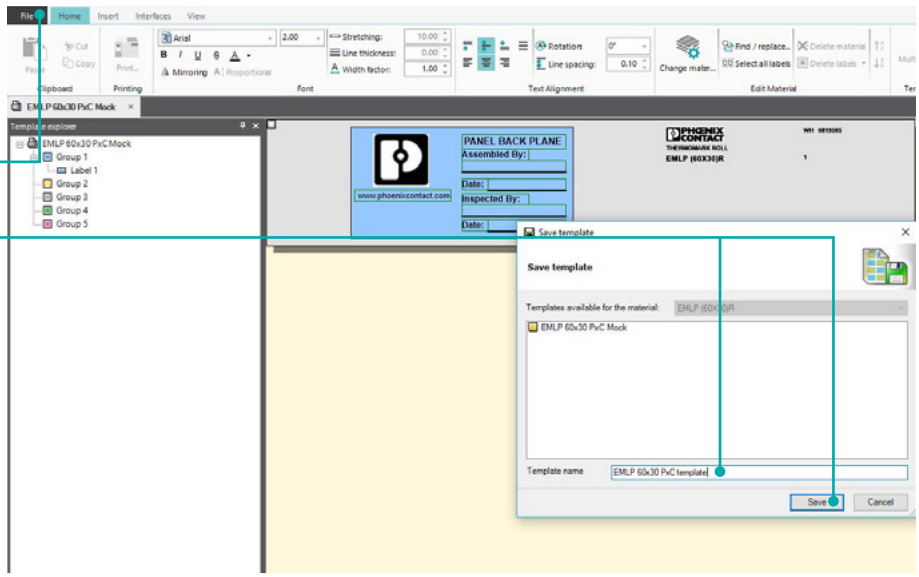


Template build continued

Saving the created template

Click File, then click Save as

Name the template and click Save



Template build continued

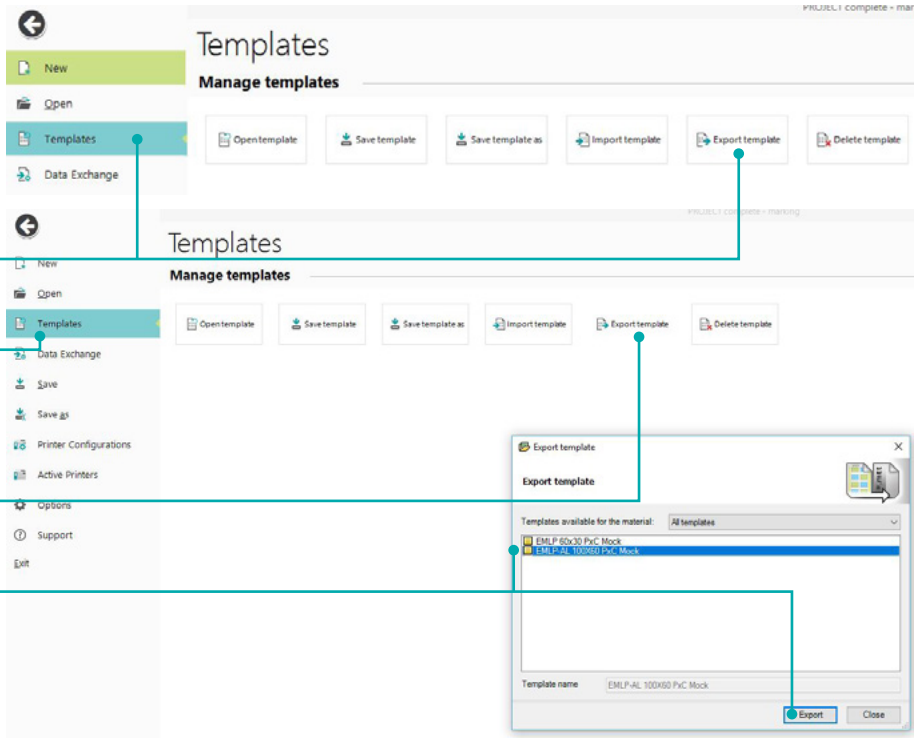
Exporting the template allows you to save the template outside of the PROJECT complete library, for saving to other computers

Click file Templates, Export template

Select the template to be exported

Click Export template and save file in desired location

Select the template to be exported and click Export

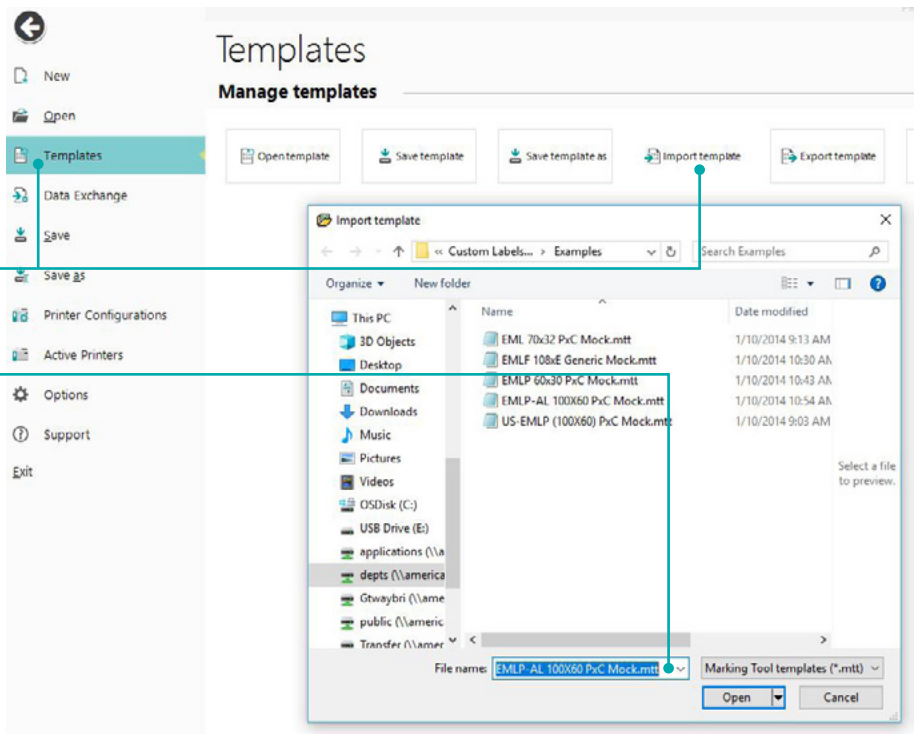


Template build continued

Importing templates adds templates to the PROJECT complete library that were designed on another computer

Click file, Templates, and select Import template

Select previous exported template and open to view from new location



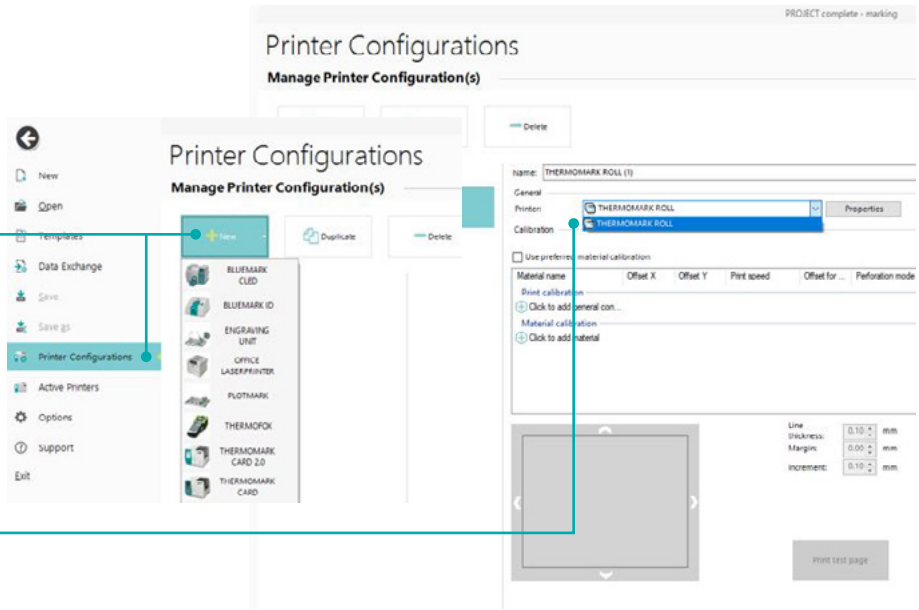
Setting up a printer

Note: Make sure you have the printer driver installed before completing this step

Click file, Printer configurations, then click New and select printer.

Then click the drop-down box and select the printer

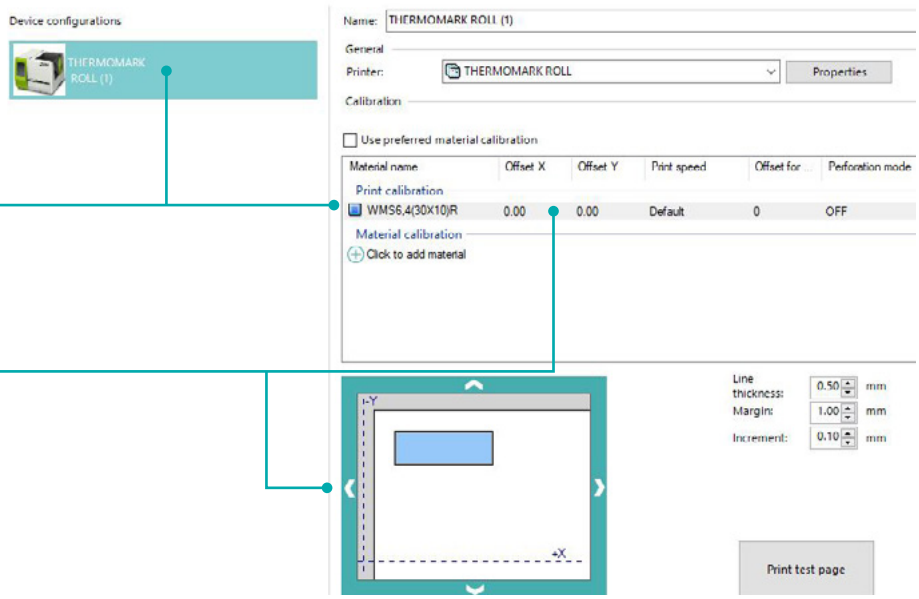
Your printer is now set up as an output device to print



Setting print alignment and speed

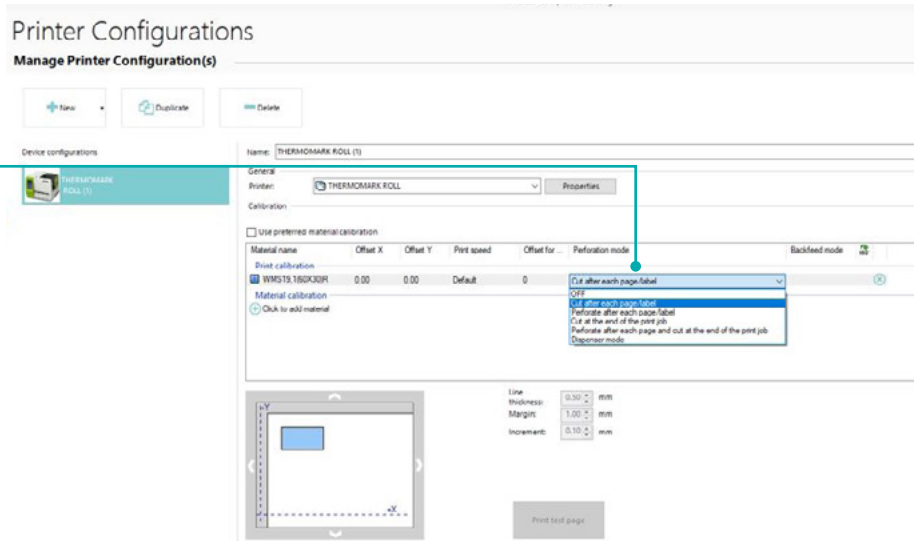
Click File, Printer configurations, choose the printer, then in Printer calibration, choose the material needed to be aligned.

Double-click under the offset X or Y, depending on how the alignment needs to be adjusted, and click up or down arrows to make adjustments.



Cutter options

In the Printer configuration area, click Print calibration, choose the material, then double-click below the Perforation mode and select the type of cut or perforation needed



You are now familiar with some of the most common functions of the PROJECT complete marking software to create standard marking files and send them to a printer.

Any questions?
Please call our Technical Support at 800-322-3225 and ask for a printer specialist.

Thank you!



Open communication with customers and partners worldwide

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