How to Customize QR Codes with External Software (Avery Design & Print)

help.fracttal.com/hc/en-us/articles/35151309068941-How-to-Customize-QR-Codes-with-External-Software-Avery-Design-Print

To create custom labels with QR codes for assets registered in **Fracttal One**, you can use Avery Design & Print, a free online design tool. With this platform, you can import the data exported from **Fracttal One** and generate labels with QR codes in a practical way. Below, we detail the complete process to export the data and customize your labels.

Customizing QR Codes in Avery Design & Print

Step 1: Export Data from Fracttal One

1. Access the "Catalogs" module in **Fracttal One** and select the "Assets" option. In this section, you will find the list of all the assets registered on the platform. Select the assets whose QR codes you want to print.

2. Click on the "Export" option. The system will generate an Excel file with the data of the selected assets.

| ≡ í | Ativos E quipamentos | | | | Q Pesquisar | JC ~ |
|------------|--------------------------------|-----------------|--|----------|-------------------------------------|--------------|
| | ← (3) Selecionado | | | | | ê : |
| | - Lista ^o ē Árvo | re | | | | |
| • | Habilitado | Fora de serviço | Descrição | Código | Nombre | N° de chasis |
| 0 | Sim | Não | { 00001-2 } FA mantenimiento J 22-03-24 | 00001-2 | FA mantenimiento J | |
| 0 | Sim | Não | { 0000-4 } VENTILADOR MECANICO MAQUET CRITICAL CARE 22-03. | . 0000-4 | VENTILADOR MECANICO | MAQUET C |
| 0 | Não | Sim | { 000-2 } VENTILADOR MECANICO ARYZTA 22-03-24 | 000-2 | VENTILADOR MECANICO | ARYZTA |
| 0 | Não | Não | { 000-3 } VENTILADOR MECANICO ARYZTA 22-03-24 | 000-3 | VENTILADOR MECANICO | ARYZTA |
| \bigcirc | Não | Não | { 05 } BEBEDOURO - JOÃO LUCAS 22-03-24 | 05 | BEBEDOURO - JOÃO LUCAS | |
| \bigcirc | Sim | Não | { 070128 } BOMBA SUMERGIBLE bombas-chile 22-03-24 | 070128 | BOMBA SUMERGIBLE | bombas-ch |
| \bigcirc | Sim | Não | { 070129 } BOMBA SUMERGIBLE bombas-chile 380 | 070129 | BOMBA SUMERGIBLE | bombas-ch |
| \bigcirc | Sim | Não | { 080167 } MOTOR SICMEMOTORI 380/440/440 | 080167 | MOTOR | SICMEMOT |
| \bigcirc | Sim | Não | { 090403 } CONJUNTO MOTOR CC Y VENTILACION FORZADA ORE | 090403 | CONJUNTO MOTOR CC Y VENTILACION FO. | . OREMOR |
| 0 | Sim | Não | { 10000844 } PERFORADORA HIDRAULICA ATLAS COPCO 2003 | 10000844 | PERFORADORA HIDRAULICA | ATLAS COF |
| 0 | Sim | Não | { 10000860 } PERFORADORA HIDRAULICA ATLAS COPCO 2005 | 10000860 | PERFORADORA HIDRAULICA | ATLAS COF |
| \bigcirc | Sim | Não | { 10000881 } PERFORADORA HIDRAULICA ATLAS COPCO 2006 | 10000881 | PERFORADORA HIDRAULICA | ATLAS COF |
| M | ostrando 50 de 5885 | | | | | + |

3. Open the exported Excel file and create a new sheet.

4. Copy the data you want to include in the label, such as the QR Code URL, Code, Name, and Brand.

| | А | В | С | D |
|--------|--|--------|---------------------|----------------------|
| 1 | QR Público | Código | Nombre (C) | Marca (C) |
| 2 | https://one.fracttal.com/qr/3e9b6c4c-ec7f-4363-bdb6-7277bc571178 | 0000-4 | VENTILADOR MECANICO | MAQUET CRITICAL CARE |
| 3 | https://one.fracttal.com/qr/1c5dcc5e-c527-4f6d-8f21-19b31cdf6eb1 | 000-2 | VENTILADOR MECANICO | ARYZTA |
| 4 5 | https://one.fracttal.com/qr/e14781cd-43e8-49f3-a570-e1d5d71c98e8 | 000-3 | VENTILADOR MECANICO | ARYZTA |

5. Ensure that the sheet with the data is the only one in the file.

6. Open the Excel file and organize the columns as needed. Be sure to include the column with the QR Code URL (automatically generated by **Fracttal One**), in addition to any other data you wish to include in the labels. Then, save and close the file.

Step 2: Access Avery Design & Print Website

Open your browser and go to the Avery Design & Print website.





- Log in or create an account if you do not have one.
- From the homepage, scroll down to find the "Start Designing" option, which will give you access to the design platform.



Step 3: Create a New Label Design

- Choose the type of label you want to create. You can opt for standard adhesive labels or custom-sized labels.
- To find the correct label model, click on "Custom Printing" in the sidebar or enter the reference number of the label you are using.

| | 1 - Choose Te | emplate 2 - Choose Design | 3 - Customize 4 - Preview | | Open Sa | ve Help | Live Chat |
|---|----------------|---------------------------|---------------------------|-----------------------|----------------|---------|-----------|
| Print Yourself Custom | Printing | | | | | | |
| View All Sheet Labels | Enter Any Size | OFF Q Search | Description 6 | 9 Templates Available | | | |
| Rectangle Labels | Preview | Size (in) \uparrow | Template Description ↑ | | La | vout ↑ | |
| Address Labels | | 2/3" x 1 3/4" | Rectangle Label | | 4 | 8/sheet | |
| Packaging Shapes | | | | | | | |
| Round Labels Oval Labels | | 1" x 2 5/8" | Rectangle Label | | 2 | 4/sheet | |
| Square Labels Arched Labels | | 2" x 4" | Rectangle Label | | 8 | /sheet | |
| Scallop Labels Star & Starburst Labels Heart Labels | | 3 1/3" x 4" | Rectangle Label | | 6 | /sheet | |
| Lip Balm Labels | | | | | | | |
| Name Tags & Badges Industrial & GHS ~ | | 3" x 4" | Rectangle Label | | 6 | /sheet | 0 |
| Stickers ~ | | | | | | | |
| BACK | | | | | | | |

Click on the desired option to continue and choose the design for the labels. You can either use pre-designed templates or start a design from scratch.

| | 1 - Chaose Template 2 - Chaose Design 3 - Customize 4 - Preview | Open | Save | Help | Live Chat |
|---|--|--------------------------------------|------|--|-------------------------------|
| Browse Designs | Apply from a Saved Project Upload a Complete Design | | | | |
| All Designs What's New | Q Search Descriptions and Colors 1572 Designs - Rectangle Label 2/3" x 1 3/4" | | | | |
| Animals & Nature Blank & Basic Designs | × | | | | |
| Business & Occupation | YOUr Message Here Your Message Here Additional | EXT HERE Information | | Place Te Additional Information | ext Here |
| Events Holidays | · | | | | |
| Home & School Non-Profit & Religion | ✓ ✓ | | | | |
| Styles | Name/Brand Instruction Instructin Instructin Instructin Instructin Instructin | E/BRAND CT IDENTITY WT. OZ (G) | | NAME/ PRODUCT NET WT | BRAND identity ; oz (g) |
| | | | | | |
| | | roduct Identity | | /// [brai | |
| | PLACE IEAT HERE Product Identity Mt WL 0.02 (d) Product Identity | e & Brand In W1. Oz (g) | | | ICT IDENTITY |
| | | | | | |
| CHANGE TEMPLATE | | | | | |

Step 4: Import Data into Avery Design & Print

- In the design panel, go to the left sidebar and click on "QR Codes and Bar Codes"
- Click on "Add QR/Bar Code."

| | | | | 3 - Customize | | | c | Open Sav | e Help | Live Chat |
|-------------------------|------------------------------------|-----------|------------|------------------------|------------|------------------------|------------------------|---------------|-------------------|-------------|
| Rectangle Change Tem | Label 2" x 4" plate | Undo Redo | Copy Paste | ∔ 😣 Align ⊿Arrange⊿ | Background | ₩ ^{View} z | € ^{toom} ∡ | Delete | | |
| Text | Add QR/Barcode | | | | | | | Navigator | • | - |
| Image | Edit QR/Barcode | (| | | | | | | it All | Edit One |
| Import Data | inch mm Code width: 0 | | | | | | | | | _ |
| Shape | X Dimension: 10 Bar Height (%): | | | | | | _ | | | |
| QR and | Print a sample barcode page | | | | | | | | | |
| Barcodes | QR & Barcode Demo | <u></u> | | | | | | Sheet 1 | ▼ of 1 | G |
| Sequential Numbers | | | | | | | | Layers C | Your product is I | — olank. |
| | | | | | | | | • | | Ô |
| с | CHANGE DESIGN | | | | | | | | NE | хт |

Choose Spreadsheet: select the data import source as "Spreadsheet."

| | | | | 3 - Customize | | | | | | | |
|-------------------------|---------------------------|---------------|---|-------------------|--------------|------------------------|------------------------|----------|----------|------|--------|
| Rectangle Change Tem | Label 2" x 4" Iplate | | | | Background | ₩ ^{View} ∡ | € ^{Zoom} ∡ | | | | |
| | Add QR/Barcode | | | | | | | Na | | | - |
| | | | | | | | | | Edit All | Ed | it One |
| | (inch) mm) ADD | QR OR BARCODE | | | | | HELP | \times | | | |
| | Code width: 0 | | | liko to provid | o vour data? | | | | | | |
| | X Dimension: 10 | | How would you | inke to provide | e your uala: | | | | | | |
| | Bar Height (%): | | Create by manually | r entering values | | | | | | | |
| | Print a sample barcode pa | \rightarrow | Spreadsheet Create from an imp | ported spreadshee | t | | | | | | |
| | QR & Barcode Deme | | Sequential Num Create from a sequence of the sequence | bers | | | | | t 1 ▼ | | G |
| | | | | | | | | | | | |
| | | | | | | | | | rs 🚯 | | - |
| | | CANCEL | | | | | NEXT | | Your p | | ink. |
| | | | | | | | | | | | |
| | | | | | | | | × | | | |
| | | | | | | | | | | | |
| C | CHANGE DESIGN | | | | | | | | | NEXT | - |
| C | CHANGE DESIGN | | | | | | | | | NEXT | |

A tab will appear to let you select the Excel file exported from **Fracttal One**.



Choose Fields: select the fields you wish to import, checking or unchecking the options as needed, and then click "Next" to continue.

| | | | | | | 3 - Customize | | | | | | |
|-------------------------|------------------------------------|-------------------|------------------------------|-----------------|--------------------|---------------------|-----------------|-----------------------------|-------|-------------|--------------|-----|
| Rectangle Change Tem | Label 2" x 4" plate | | | | | | Background | ₩ Œ ^{View} Zoom | | | | |
| | Add QR/Barco | ADD Q | R OR BAR | CODE | | | | HELP | × | igator 🚯 | | - |
| | Edit QR/Barco | Cł | HOOSE SPREAL | DSHEET | СІ | HOOSE FIELDS | | CREATE BARCODE | S | Edit All | | |
| | inch | Choos export (| e the rows 6).xlsx Replac | and column | is you want to | print | | | | | | |
| | Code width: 0 | lf | the first row c | ontains your co | lumn titles, unche | eck this box so the | y do not print. | | | | | |
| | X Dimension: 10 Bar Height (%): | # | Select All | ~ | t≞ | | t≞- | | t≞. | | | í - |
| | | 1 | | Código | | Nombre (C) | | Url Código QR | | | | 6 |
| | Print a sample barcode pa | 2 | | 00001-2 | | FA mantenimiento | L c | https://app.fracttal.com/ | #inve | | | |
| | QR & Barcode Demo | 3 | | 0000-4 | | VENTILADOR ME | CANICO | https://app.fracttal.com/ | #inve | et 1 💌 of 1 | | G |
| | | 4 | | 070128 | | BOMBA SUMERG | BLE | https://app.fracttal.com/ | #inve | ers 6) | | |
| | | 5 | | 070129 | | BOMBA SUMERG | BLE | https://app.fracttal.com/ | #inve | Your produ | ct is blank. | |
| | | 6 | | 080167 | | MOTOR | | https://app.fracttal.com/ | #inve | | | |
| | | | | | | | | | | | | |
| | | | BACK | | | | | NEXT | | | | Q |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |

Create Barcodes: fill in the fields related to the data you want to customize on the labels, organizing them according to your needs.

| | | | | 3 - Customize 4 - P | | | | |
|-------------------------|------------------------------------|-------------------|-------------|----------------------------|-------------------------|-------------------|------------------------|----------|
| Rectangle Change Tem | Label 2" x 4" plate | | | ∔ 🛞 Align _ Arrange_ Ba | Ckground View | € S Zoom Delet | | |
| | Add QR/Barce | ADD QR OR BARCODE | | | | HELP $	imes$ | igator O | _ |
| | Edit QR/Barc | CHOOSE SPREADSHEE | г | CHOOSE FIELDS | CREAT | E BARCODES | Edit All Edit One | |
| | inch mm | Imported Data | | Industry Standard Forma | QRCode | ~ | | |
| | Code width: 0 | Código | | URL | | ~ | | |
| | X Dimension: 10 Bar Height (%): | Nombre (C) | Drag & Drop | Website Url Código QR | | × | | |
| | Print a sample barcode ps | Url Código QR | | | | | | |
| | OR & Barcode Demo | Fabricante (C) | | | | | | |
| | | Modelo (C) | | | | | et 1 🔻 of 1 | G |
| | | | | Preview: | | Update Preview | ers () | - |
| | | | | | ex:e V:: ex: | | Your product is blank. | |
| | | | | Prin | t a sample barcode page | | | |
| | | ВАСК | | | | FINISH | | O |
| | | | | | | | | |
| | | | | | | | | |

- On the left side, you will see the order of the columns from the exported file, containing asset information.
- In Industry Standard Format, select QR CODE.
- In Code Type, select URL.

- Drag the QR Code URL option from the left menu and drop it into the Website field.
- Click on Update Preview to update the changes, and then click Finish.

| | | | | 2 - Choose Design | 3 - Customize | 4 - Preview | | | | | |
|-------------------------|------------------------------------|------------|---------------|-------------------|--------------------------|------------------|----------------|--------------------|-------------|-------------|--|
| Rectangle Change Tem | Label 2" x 4" nplate | | | | | Background | ₩ View Zoom | X Delete | | | |
| | Add QR/Barca | ADD QR O | R BARCODE | | | | HELP | × | igator 🚯 | | |
| Text | Edit QR/Barco | CHOOS | E SPREADSHEET | | CHOOSE FIELDS | | CREATE BARCOD | ES | Edit All | | |
| Image | inch mm | Imported | Data | | Industry Standard F | ormat QRCo | ode | ~ | | | |
| Import Data | Code width: 0 | Código | 4 | • 🥕 | URL | | | ~ | | | |
| 5 | X Dimension: 10 Bar Height (%): | Nombre (C | ;) 📢 | Drag & Drop | Website Url Código QR | | | × | | | |
| Shape | Print a sample harcode na | Url Código | QR 📢 | • | | | | | | | |
| QR and Barcodes | QR & Barcode Demo | Fabricante | (C) | • | | | | | | | |
| 123 | | Modelo (C |) 📢 | • | | | | | et 1 v of 1 | Lø | |
| Sequential Numbers | | | | | Preview: | | Update | Preview | ers () | | |
| | | | | | | | | | Your produc | t is blank. | |
| | | | | | | Print a sample b | parcode page | | | | |
| | | BA | ск | | | | FINIS | Н | | Ģ | |
| | | | | | | | | | | | |
| C | | | | | | | | | | | |

Once redirected to the design page, you will see the QR code inserted into the template. It is recommended to test the functionality of the code to ensure that it is correct and links to the asset information in **Fracttal One**.

Step 5: Insert Elements

- With the data imported, drag and drop the desired fields onto the labels.
- Drag the QR code image to position it strategically within the indicated field.
- In the "Import Data" menu, add other relevant information such as the asset name, code, etc., by dragging the data columns into the label areas.

| | | | | 3 - Customize | | | Open s | Save Help | Live Chat |
|--|---|-----------|------------|------------------------|------------|----------------|--------------|-------------------------|---------------|
| Rectangle Change Tem | Label 2" x 4" Diate | Undo Redo | Copy Paste | 🕂 😂 Align 🖌 Arrange | Background | ₩ View Zoom | Delete | | |
| Text Image | Automatically import from a spreadsheet. | | | | | | Naviga | stor O Edit All E | - |
| Import Data | Código 00001-2 Nombre (C) FA manteni Url Código OR https://a | | | | | | | | |
| Barcodes 123 Sequential Numbers | Fabricante (C) Modelo (C) Get a sample spreadsheet to create a new list to merge. | | | | | | Sheet Layers | 1 v of 1 or arcode 1 | ی - 2 ش |
| с | Mail Merge Demo | | | | | | k | NEX | Ō |

Adjust the size of the QR code and the information to ensure they are legible.

| | | | 3 - Customize | | | Open | Save | Help | Live Chat |
|--|-----------|-----------------|--------------------------|------------|------------------|--------------------|-----------------------|------|-----------------------|
| Rectangle Label 2" x 4" Change Template | Undo Redo | Copy Paste | 🛔 😂 Align 🖌 Arrange 🖌 | Background | ₩ € View Zoom | B Delete | | | |
| Text | | | | | | Na | avigator 🕑 | E | – dit One |
| | | | | | | | EXCEPT Interviewed | | |
| Shape | | 080167 MOTOR | 7 | Fr | acttal | | | | Froction Froction |
| R and Barcodes 123 | | | | | | Sh | eet 1 V | of 1 | |
| Sequential Numbers | | | | | | La | yers íð ≡ Image 1 | | - |
| | | | | | | ↓ | ■ Text 2 | | |
| CHANGE DESIGN | | | | | | | | NEX | U |
| | | | | | | | | | |

Step 6: Customize the Label

In Avery, you can customize the label design. This includes:

• Resizing the QR code and other elements.

- Adding the company logo or other relevant images.
- Adjusting colors, fonts, and the layout as needed.

| | 1 - Choose Template | | 3 - Customize | | | Open Save | Help Live Chat |
|--|---------------------|-----------------|------------------------|--------------|-----------------------------|------------------------|--|
| Rectangle Label 2" x 4" Change Template | Undo Redo | Copy Paste | 🗰 😂 Align 🖌 Arrange | Background V | # € ^{/iew} Zoom | Delete | |
| Fret | | 080167 MOTOR | 7 | fro | | Navigator 0 Edit Al | - Cit One Edit One Marken M |
| CHANGE DESIGN | | | | | | | NEXT |

Step 7: Approval and Download of the Label File

After completing the design, click on "Next" in the lower-right corner.

| | 1 - Choose Template | | 3 - Customize | | | | Open | Save | Help | Live Chat |
|---|---------------------|-----------------|-------------------------|------------|----------------------|------------------------|--------------------|--|---|-----------|
| Rectangle Label 2" x 4" Change Template | Undo Redo | Copy Paste | ♣ 😂 Align ₄ Arrange₄ | Background | ₩ ^{View} | € ^{Zoom} ∡ | X Delete | | | |
| Text Image Image Import Data Shape R and Barcodes 123 Sequential Numbers | | 080167 MOTOR | 7 | F | racti | | | evigator • Edit All Edit | Image: Second | |
| CHANGE DESIGN | | | | | | | | | NEX | т |

Once the label design is finished, check the preview of the final result. If everything is correct, finalize the process on the verification page. If needed, you can go back to make adjustments or approve the design to proceed with the download.



- To download the file as a PDF, click on "I Approve My Design."
- Then, on the next screen, click "GET PDF TO PRINT." The file will automatically be saved to your computer.



Once the process is completed, simply print the customized labels with the desired data and apply them as needed.

Notes:

- The platform supports files in **xls**, **xlsx**, and **csv** formats.
- Files should have less than 3,000 rows, 20 columns, and 600 KB. If the file is larger, split it into multiple projects.
- Make sure the print settings are correct for the type of label chosen.