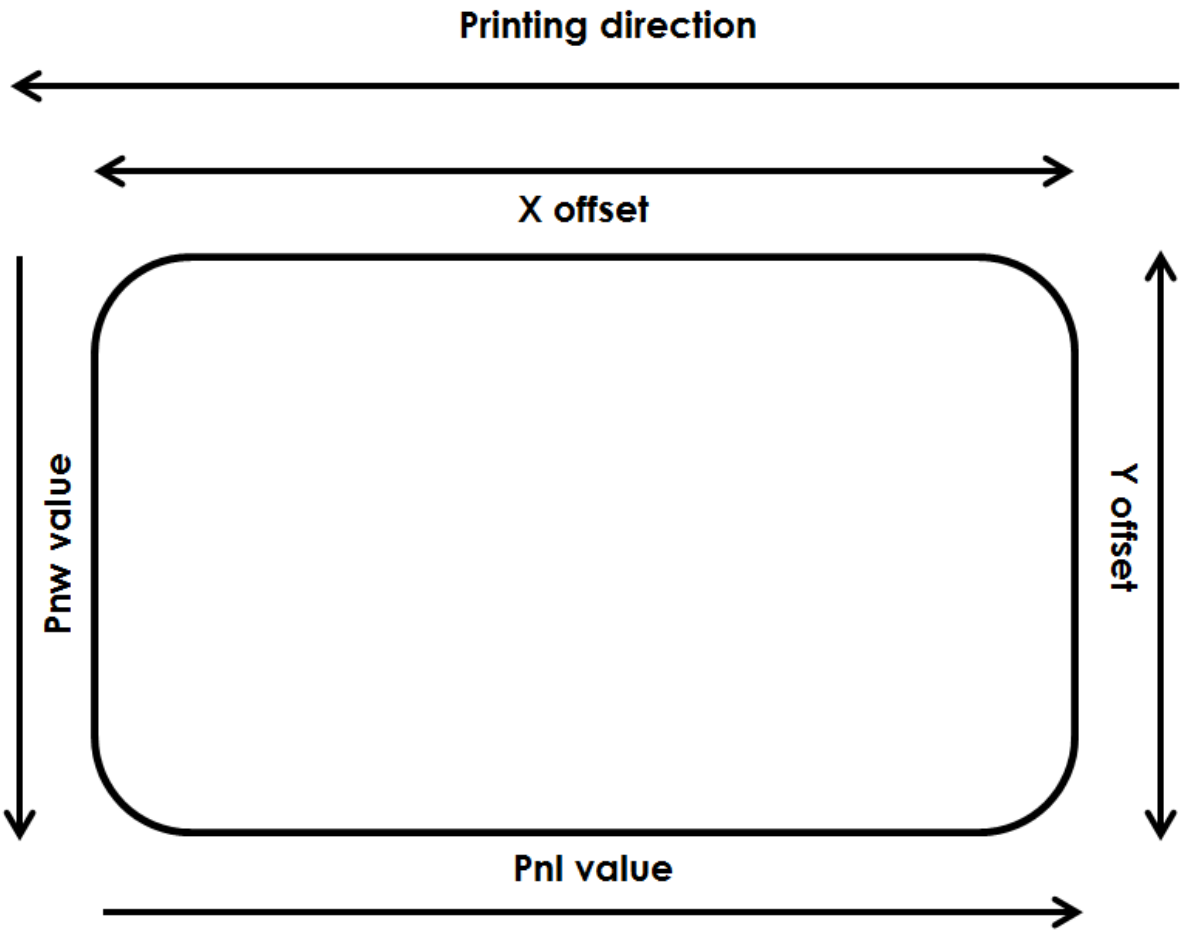
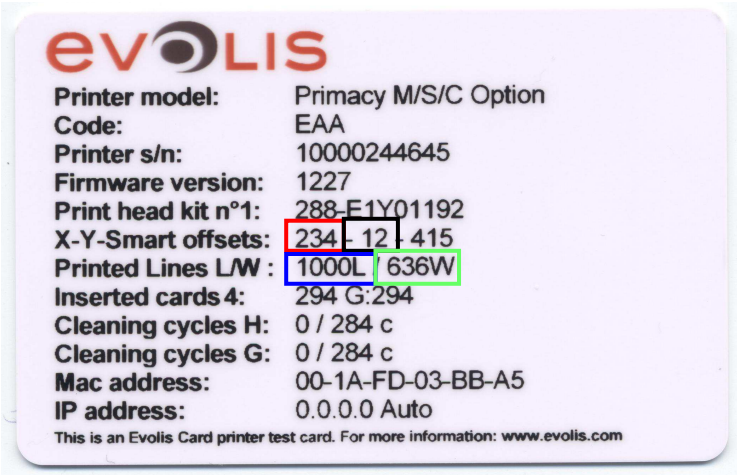
Offset adjustment procedure
Zenius / Primacy



1) Print a technical test card to get the offset default values:

In the **Print center properties/System details/Testing card**, click on the **Technical test card** button



X offset value	Y offset value	Vertical printed lines	Horizontal printed lines

2) Offset reading commands:

To read the offset values, you can use these commands from the **Print center properties/Maintenance/Printer command prompting**:

Ry (Y offset value)
Rx (X offset value)
Rnl (vertical printed lines)
Rnw (Horizontal printed lines)

3) Offset adjustment commands:

From the **Print center properties/Maintenance/Printer command prompting**, you can send these commands to set the image size and positioning:

Px;=;Value (Vertical printing positioning - Increase this value to move the printing area to the right side of the card)
Px;+;Value
Px;-;Value

Py;=;Value **(**Horizontal printing positioning - Increase this value to move the printing area to the bottom of the card)
Py;+;Value
Py;-;Value

Pnl;=;Value (Increase this value to increase the number of vertical printed lines on the right side of the card)
Pnl;+;Value
Pnl;-;Value

Pnw;Value (Increase this value to increase the number of horizontal printed lines on the top of the card)

4) Tips

- Adjust the X offset before the Pnl value.

- To reduce the margin on the right side, increase the Pnl value one-by-one.
→ Do not set it directly to the maximum value (1016).

- If you increase or decrease too much the Y offset value or the number of horizontally printed lines, you will see wrinkles along the edges of the design.

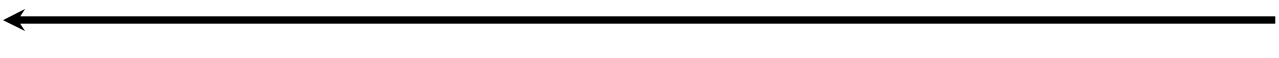
- If you reduce too much the X offset value, the printer will cut the ribbon or nothing will be printed on the card (because the print head starts to print before the card)

- The values are in dots (12 dots = ~ 1mm), so adjust them one-by-one.

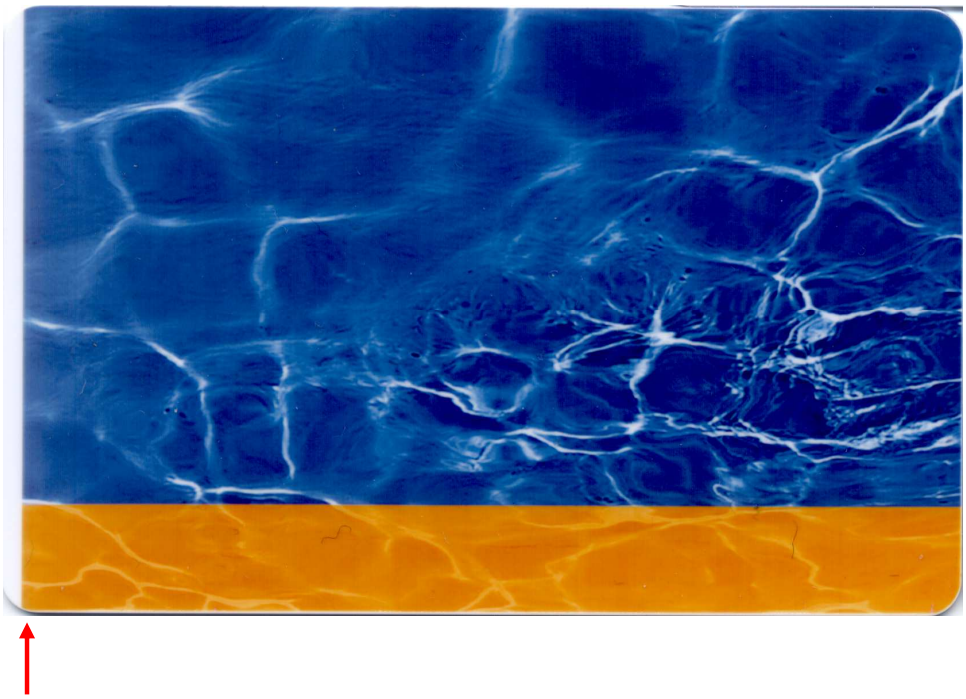
- Send the Sc (sequence copy) to print the last design saved in the printer memory

5) Sample of adjustment:

Printing direction



Sample1:



- A white margin can be observed on the left of the card.

Solution:

Reduce the X offset to move the printing area to the left of the card (12 dots = ~ 1mm).

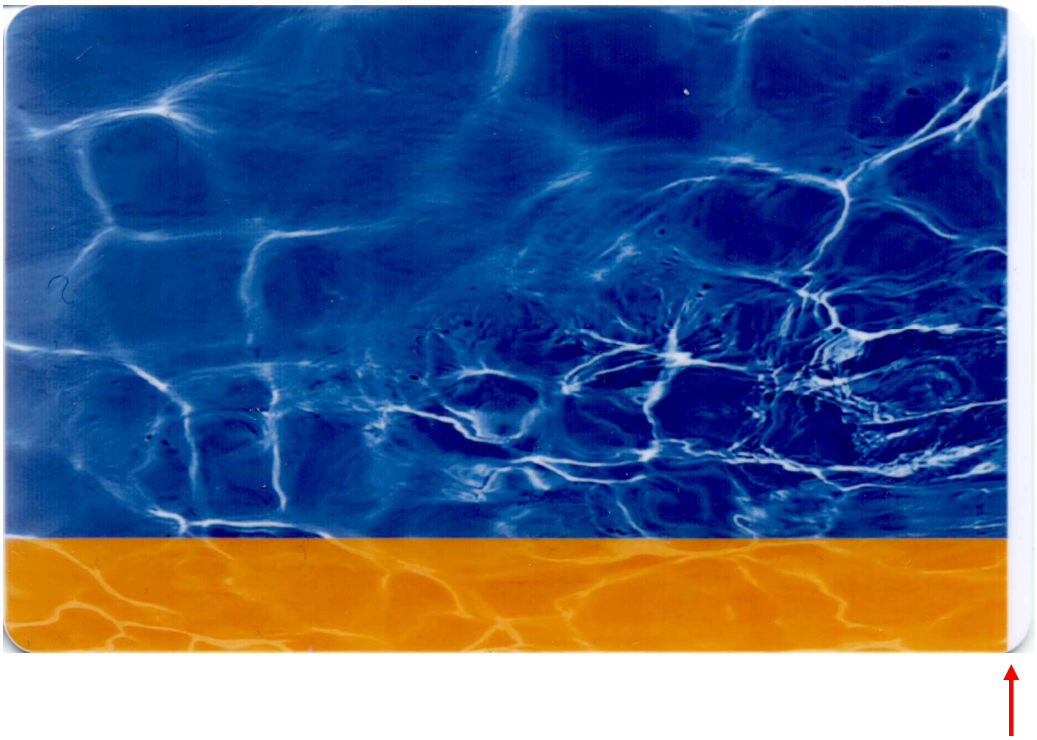
Commands:

Px;=;Value

Px;+;Value

Px;-;Value

Sample2:



- A white margin can be observed on the right of the card.

Solution:

Increase this value to increase the number of vertical printed lines on the right side of the card (12 dots = ~ 1mm).
>>Make sure the X offset value has been correctly set before modifying the Pnl value

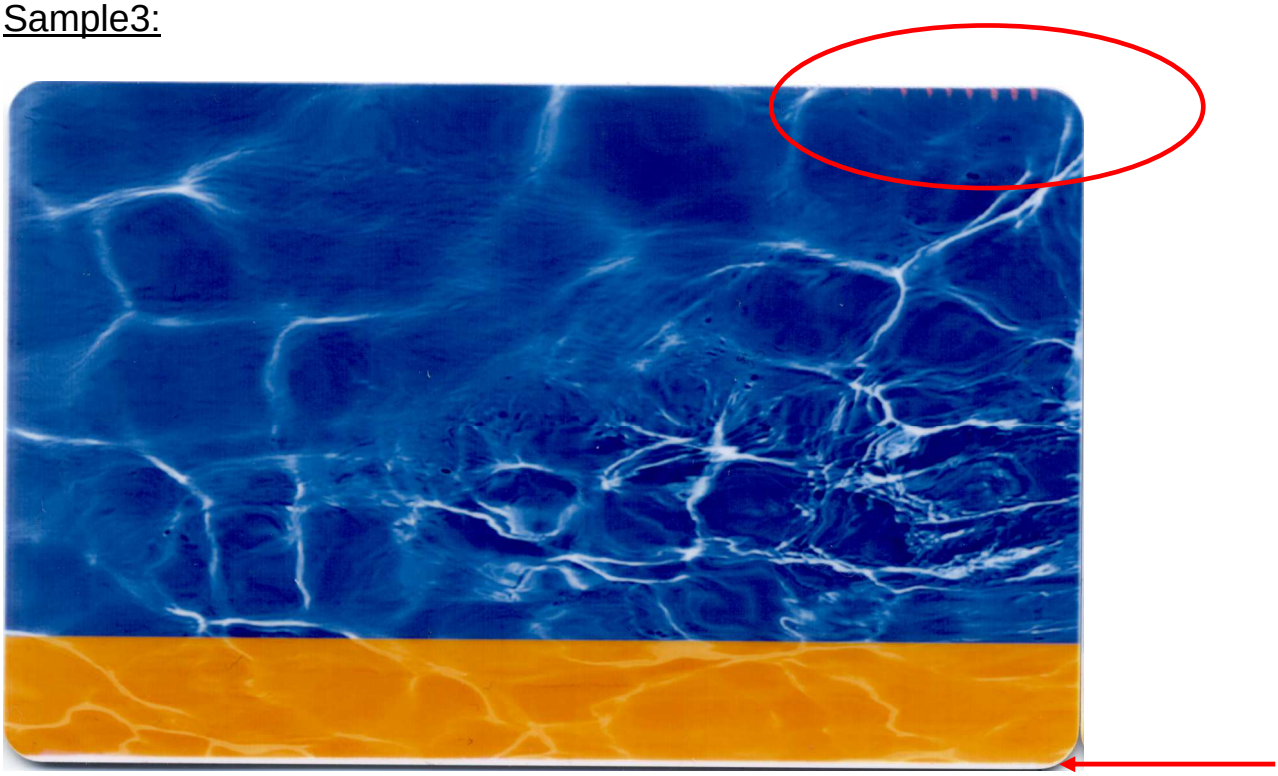
Commands:

Pnl;=;Value

Pnl;+;Value

Pnl;-;Value

Sample3:



- A white margin can be observed on the bottom of the card or/and wrinkles are on the top of the card.

Solution:

Increase the Y offset to move the printing area to the bottom of the card
(12 dots = ~ 1mm).

Commands:

Py;=;Value

Py;+;Value

Py;-;Value