

Report Print hints

Follow this to get correct **print margins, print area** and **position** on paper

Example : for A4 size paper

Printed Page Size : A4 (210x297 mm)

- Left Margin : 25 mm
- Right Margin : 10 mm
- Top Margin : 10 mm
- Bottom Margin : 10 mm

QTF Print Calculations are done @ 600DPI 1 mm = $600/25.4 = 6000 / 254$ is 23.6 dots per mm

Values in Report setting are int. multiplication by 6000 then divide by 254 we get better precision

Report Setting :

These calculated margins can be used for printing to PDF file

- Left Margin : $25 * 6000 / 254 = \mathbf{590}$
- Right Margin : $10 * 6000 / 254 = 236$
- Top Margin : $10 * 6000 / 254 = \mathbf{236}$
- Bottom Margin : $10 * 6000 / 254 = 236$

Report Print area (Report.SetPageSize (**cx, cy))** Portrait orientation

$cx = (\text{PageWidth} - \text{LeftMargin} - \text{RightMargin (mm)}) * 6000 / 254$

$= (210 - 25 - 10) * 6000 / 254 = \mathbf{4133}$

$cy = (\text{PageHeight} - \text{TopMargin} - \text{BottomMargin (mm)}) * 6000 / 254$

$= (297 - 10 - 10) * 6000 / 254 = \mathbf{6543}$

For Landscape orientation use Report.SetPageSize (**cy, cx**)

Margin Calculation when printing to Printer

This is My observation with some of the PCL Printers. May be different with your printer.

Checked with Ricoh, Minolta, Samsung laser printers.

Value 4 may be different for different printers.

Report Margins (Report.Margins (TopMargin, LeftMargin)

- **TopMargin** = (Top margin - 4) * 6000 / 254
= (10 - 4) * 6000 / 254 = **142**
- **LeftMargin** = (Left Margin - 4) * 6000 / 254
= (25 - 4) * 6000 / 254 = **496**

With these settings you will get Correct margins and print area on the paper.

Getting Print area in the **center of the printed page.**

Use the same calculation as above to get your Print Area.

Do not set Margins. Page margins to be 'NULL'

Your document will be printed on center of the page

