

HALF-PANEL COLOR RIBBON User Guide

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Introduction

Beginning of 2003, Evolis introduced a multi-panel ribbon: the Half-Panel Color ribbon (YMCKO).

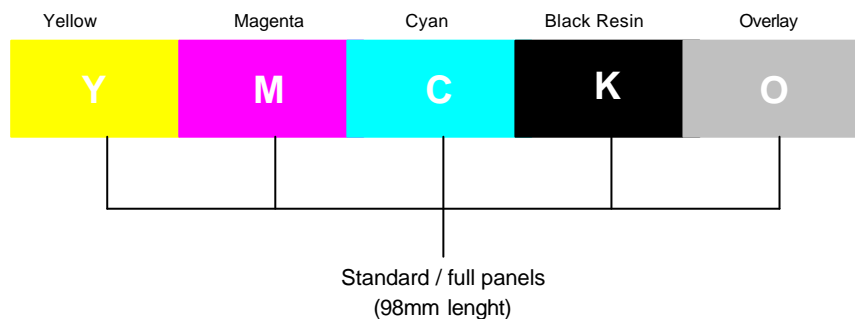
You will find hereafter information about the ribbon specifications, market applications, advantages and how it works with the Evolis Color Card Printers.

Ribbon specifications

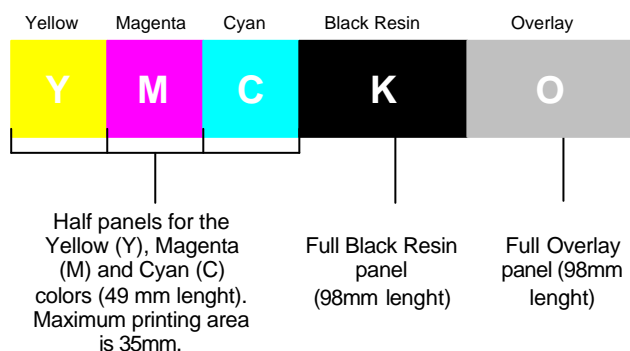
The HalfPanel YMCKO Color Ribbon is a dye sublimation ribbon which has the same ink specifications as the Standard or Full Panel YMCKO Color Ribbon.

The only difference between the Standard YMCKO Ribbon and the HalfPanel YMCKO Ribbon consists in the length of the Yellow, Magenta and Cyan panels which, for the Half Panel, is twice as small as for the Standard Panel YMCKO Ribbon (see comparison below).

■ Standard / Full YMCKO Ribbon Description (Part Number: R3011):



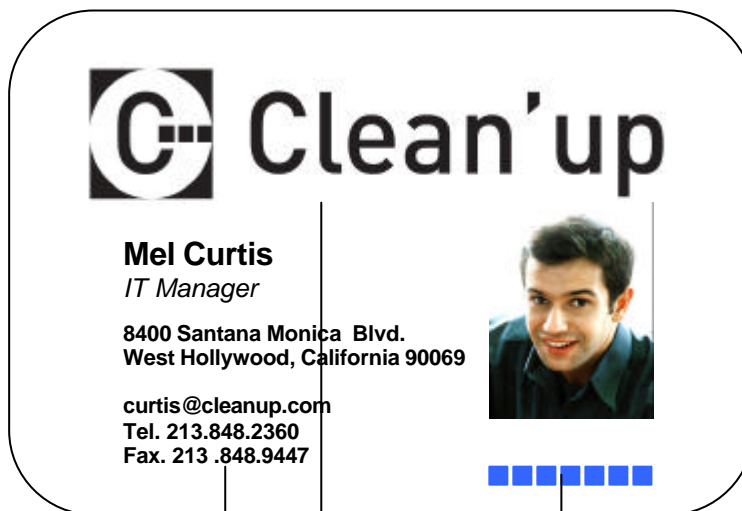
■ The Half-Panel YMCKO Ribbon Description (Part Number R3013):



The new Half-Panel Color Ribbon is used in the Identification market when a color ID picture and some black resin printing (i.e. texts, logos and barcode) are required.

In many cases, this ribbon is used on blank cards but also on pre-printed cards. The main applications are student ID cards, transportation ID badges, employee ID badges, club membership cards, and driver's licenses.

- Below, this is an example of an Employee ID badge :



Logo and texts in black
Printed with the black (K) panel

ID picture and squares in color
Color Printing Length 35mm MAX
Color Printing Height 54mm MAX
Printed with the Yellow (Y), Magenta (M) and
Cyan (C) panels

Advantages

- 43% less cost per card than the Standard YMCKO Color Ribbon (End User Price)
- Higher printing autonomy than the Standard YMCKO Color Ribbon for less operator intervention (400 cards/roll instead of 200)
- Evolis has been the first card printer manufacturer introducing this type of ribbon. This proven solution is now used in many countries worldwide for high volume printing (driving licences, health cards, government ID cards...)

Compatibility

The Half-Panel YMCKO Color Ribbon is to be used on all the Evolis color card printers.

On the Pebble Card Printer Range: **Firmware Version 0249** or higher and **Windows Drivers Version 5.0** or higher must be installed with these printers to be able to support 100% the new Half Panel Color Ribbon.

These Firmware and Driver versions or higher can be downloaded from the Evolis Web Site at www.evolis.com on the Support & Services section.

How does it work?



IMPORTANT!

The ID picture length must not exceed 35mm.

The ID picture can be placed anywhere on the card. Thanks to a special driver command, the printer detects the color point of your ID picture. The card can then correctly position itself under the print head so that printing starts exactly where the picture is required on the card.

The ID picture must be the only element in color on your card design.

Black elements (texts, barcode, etc.) can be placed anywhere on the card since they are managed in the same way as with the standard / full YMCKO ribbon.

To print your cards with the Evolis card printers using the Half-Panel Color Ribbon, please follow the procedure as explained below.

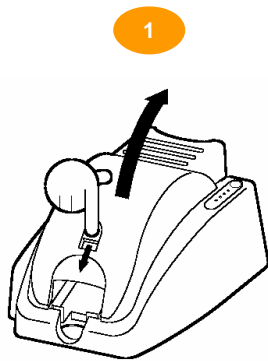
Note that the following procedure is valid for the Pebble card printer. However it is also the same procedure that goes for all other Evolis color card printer.

NOTE!

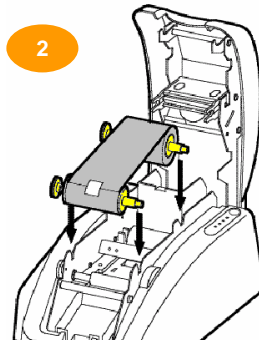


Cards can be either blank or pre-printed with a color background. When printing on pre-printed cards, make sure that there is no overlay (O) where the color picture could be printed; otherwise the printing quality will be altered.

■ **1. Install the ribbon in the printer**



**KEEP PRINTER
SWITCHED ON**

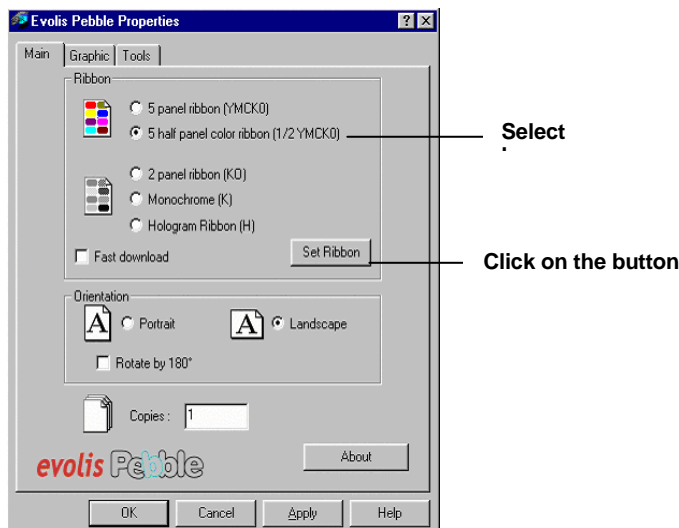


CAUTION!

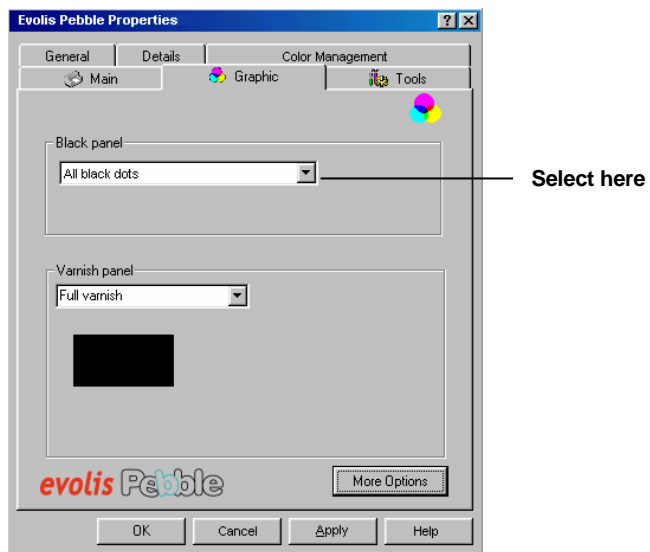
**AT THIS STAGE,
DO NOT CLOSE PRINTER
COVER**

■ **Set the ribbon from the driver Properties**

1. From “Start” in the Windows bar, click on “Settings” then “Printers”.
2. Select your Evolis printer.
3. Right click on the printer icon.
4. Then click on “Properties”.
5. The dialog box of the Evolis printer driver opens.
6. In the Main tab, select “Half-Panel Color Ribbon” and click on the ‘Set Ribbon’ button as shown below:



7. In the “Graphic” tab, select the “Black panel area the “All black dots” option, as indicated below:



8. Close the printer cover
9. The ribbon auto synchronizes. You are now ready to print.



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