Improving Black Output

The very helpful website Print Ninja describes printing black this way, "The black produced in black-and-white printing differs significantly from the black produced in full color CMYK printing. When printing your design, keep in mind that there are two types of black: Standard 100% Black and Rich Black. Standard 100% Black uses only black ink (100% K), whereas Rich Black contains elements of other colors (Cyan, Magenta, Yellow). Rich Black uses more ink and results in deeper, more saturated color. There is also an article on Ink Saturation and Density.

* We recommend using **RICH BLACK**.

In this bulletin, we offer **2 OPTIONS** on adjusting your 100% black output on the iJetColor Plus envelope printer: through your RIP and through the **M Series** driver.

OPTION 1 - From the **Navigator Client** you can right click on the Job and **Edit the Job's Workflow Output**. Under RIP settings, check box to print 100% Black or un-check to print Rich Black

100% BLACK

C = 0
M = 0
Y = 0
K = 100
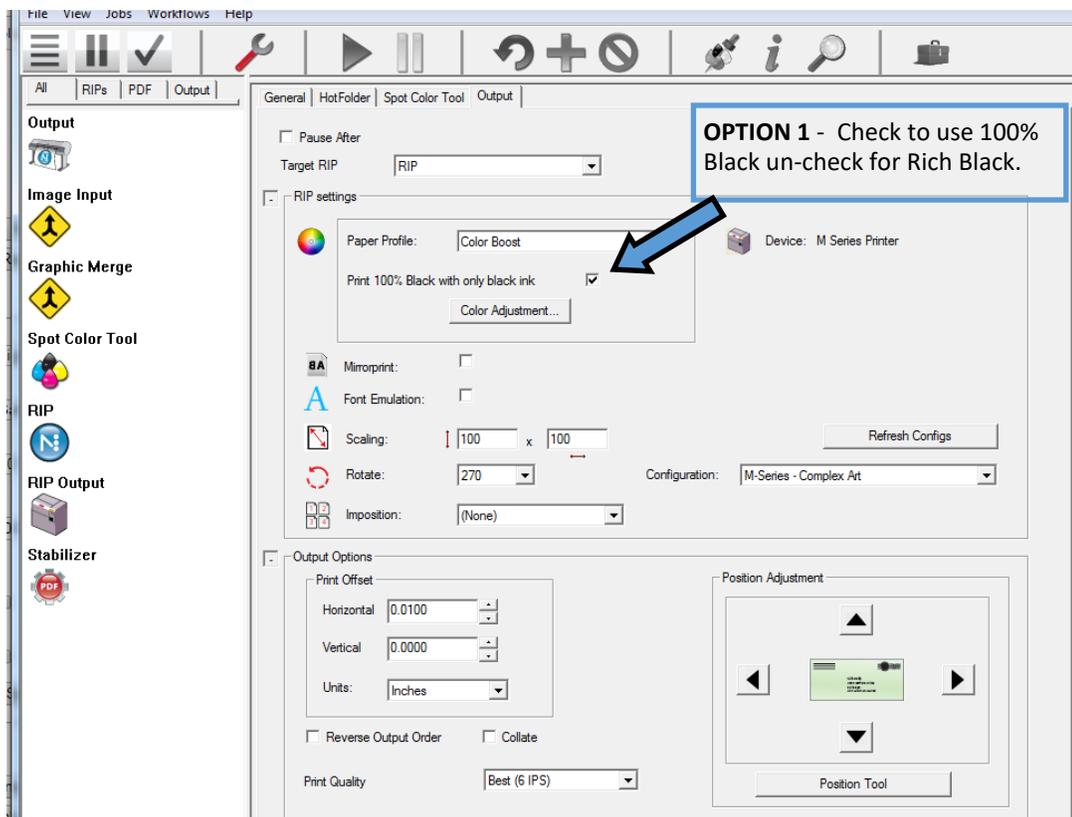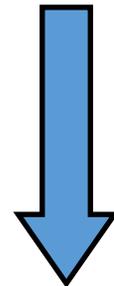
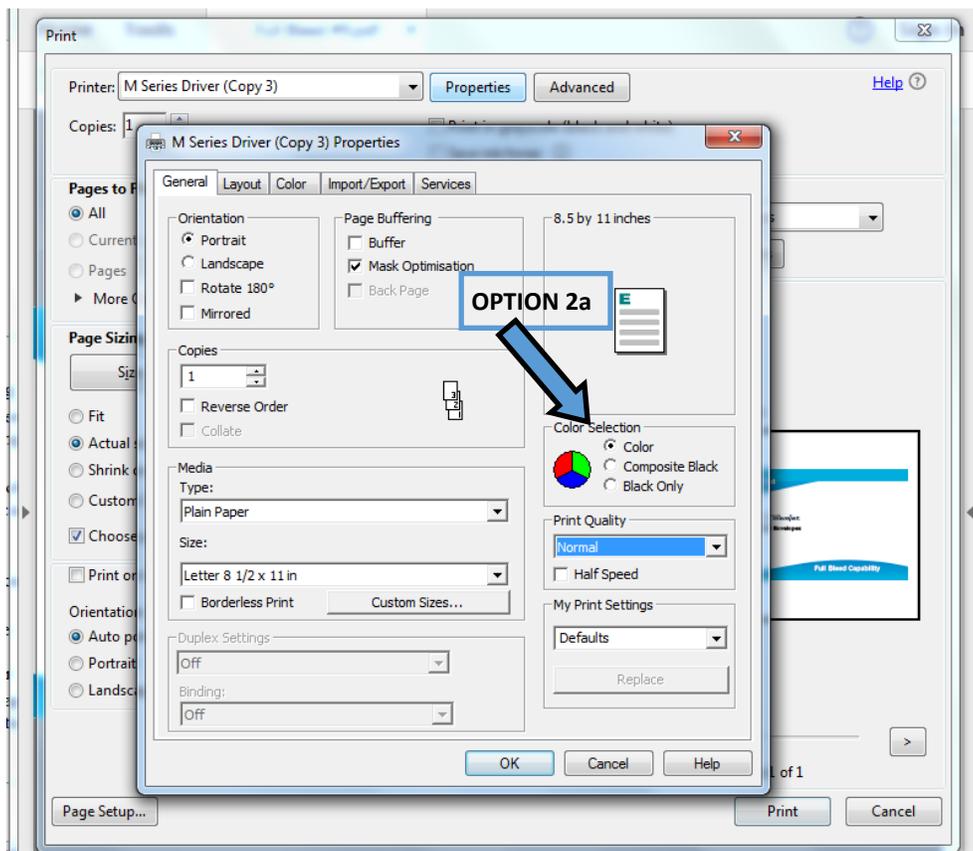**RICH BLACK**

C = 75
M = 68
Y = 67
K = 90

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*The most reliable option is to define blacks in the print ready PDF as **Rich Black**. This requires assigning **CMYK** values in pre-press and regenerating your PDF. Print to any workflow on the iJetColor where color selection is assigned.

OPTION 2 - Opening the PDF and selecting **Properties** of the **M Series Driver** creates the following **Options.**
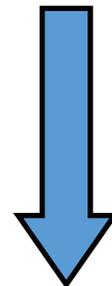
OPTION 2a - If the image is entirely black, selecting **Color**, **Composite Black** or **Black Only** may achieve the desired results.

OPTION 2b - Assigning CMYK values as well as choosing the right media in pre-press can improve your black output. See Printware [PTB0614 Color Correction on iJetColor RIP](#) for more details. Recommended Paper Stocks is covered in PTB0626. Request a current copy of PTB0626 at support@ijetcolor.com

100% BLACK

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