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## **Dot matrix code printing technology and instruction**

How to print and precautions have always been a topic of concern to collaborators.

The details are as follows:

### **1. Four-page printing/4 films printing (without black content)**

Four-page printing is to add three-page color printing plus one-page code-point printing. The K version of the original four editions were merged into the C , M and Y editions respectively. Due to the printing of documents, except for the ink that prints the bottom code must contain carbon, the rest of the ink must not contain carbon. Therefore, the ink configuration of four-color printing is adjusted as follows:

- 1). Ink used for printing C version --- normally print C ink.
- 2). Ink used for printing M version --- normally print M ink.
- 3). Ink used for printing Y version --- normally print Y ink.
- 4). The ink used to print the OID bottom code

It is printed with carbon-containing ink. (normally printed K ink can also be used, because there are usually carbon-containing components)

### **2. Five-page printing/five films printing (the content is black)**

Five-color printing is to add four-color printing and one version of code point printing. Due to the printing of documents, except for the ink that prints the code point must contain carbon, the rest of the ink must not contain carbon. Among the commonly used C, M, Y, K ink, only the black ink K contains carbon and the rest do not contain carbon. Therefore, adjust the ink configuration for five-page OID printing as follows:

1. The ink used to print the C version --- normally prints the C ink.

2. Ink used for printing M version --- normally print M ink.
3. Ink used for printing Y version --- normally print Y ink.
4. Ink used for printing K version --- Use C+M+Y mixed ink to print, or use carbon-free black ink
5. Ink used for printing code points --- Use carbon-containing ink to print

**Precautions:**

1. If the content is not black, there is no need to make separate plates, just use 4-films printing;
2. If the content is black, the code point file and the content file are separately plate-made and printed in 5 colors;
3. If the content is five-color, if you want to use four-color printing, you need to adjust the K value in the content to 0, so the workload is heavy, so it is not recommended, and customers with less content can use it;
4. When making a plate, the alignment method can be selected + center, upper left corner alignment, etc., please unify the standard, and the extra code points around can be cut off.
5. The printing ink must not contain carbon.
6. Before printing, please clean the printing machine to avoid the residual ink on the machine from affecting the content;
7. When printing, it is recommended that the code point ink has a carbon content of 10-20% and a density (pressure) of 1.8-2.1.

In the synthesis and printing process, if you have any questions, please feel free to consult us!

If any help needed, please contact us:

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