

# Partial Matte Function Specifications

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## About Partial Matte

The partial matte printing function prints a combination of glossy and matte finishes when applying the overcoat layer.

<Output image>



Gloss section

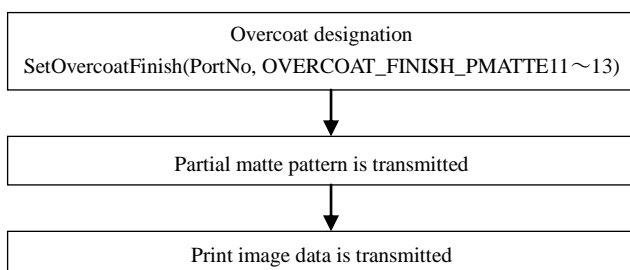
Matte section

### (1) Partial Matte Summary

- By sending the Partial Matte mode designation command from the host, the printer switches to partial matte mode. After the command is sent, send the partial matte pattern image and then the print image data, and the partial matte printing will be carried out.
- In the Partial Matte Mode designation be able to choose from “Matte” and “Fine Matte” and “Luster”.
- After printing 1 image, the partial matte mode will revert to the normal mode. In order to print in the partial matte mode, the command and partial matte pattern must be sent for each print.
- To send the partial matte pattern data, create the pattern in black and white, and send it to the printer using the same process as for normal print data.

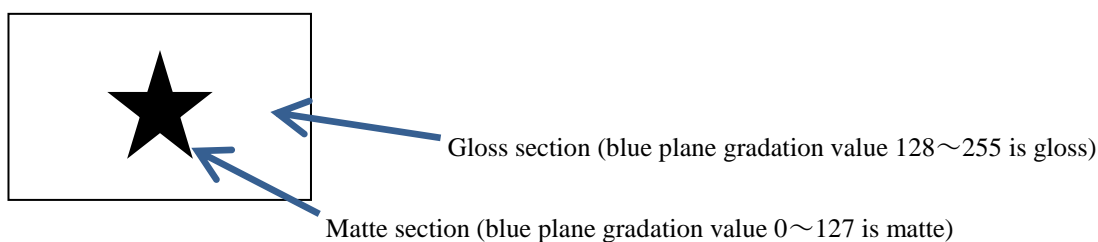
## (2) Partial Matte Process Flow

- ① When performing Partial Matte printing, first use the overcoat finish control command “SetOvercoatFinish()” to designate the OVERCOAT\_FINISH\_PMATTE11~13.
- ② Send the partial matte pattern to the printer in the same way you would send normal print data.
- ③ After sending the partial matte pattern, send the print data.



## (3) Regarding the Partial Matte Patterns

- Create the partial matte pattern as a black and white image.



## (4) Notes Regarding Partial Matte Printing

- When in Partial Matte mode, the printer will operate with a single buffer.

## Sample program

This is a VB.NET partial matte sample application. This sample program performs the partial matte printing of the contents input to the screen.

In order to use this sample program, please make the following changes to conform to your operating environment.

### ■ Printer Name

Change the “Printer Name” in Form1\_Load(). The initial setting is “PrinterName = “DP-DS820”, so you should set the name of the printer you have installed. For the printer name, refer to “Printer and Fax” on the computer.

### ■ 32/64bit OS selection

If the OS is 64bit, you should attach “#Const x64 = True” to the beginning of DS820Stat.vb. The initial setting is for 32bit, and is set as “#Const x64 = False”.

