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Color LaserWriter 12/600 PS: Thin Line Next to Black Area (7/95)

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TOPIC ---

Using a Color LaserWriter 12/600 PS, I have noticed that there appears to be a
thin white line next to the black imaged area. Is the black plate printing out
of register?

DISCUSSION --

This "effect" is not caused by the paper being moved within the printer. It is a
result of the Color Photograde technology creating colors from patterns of dots.
The pattern is more noticeable with lighter colors next to solid black. This
effect will also happen when using solid cyan or solid magenta. Most users use
colors that are a combination of these pigments, such as blue, which is made of
100% Cyan and 100% Magenta so this effect is not usually noticeable.

To prevent the white line from appearing, you can create black out of Magenta,
Yellow, and Cyan in 100% shades. However, this increases the cost per page and
produces a more charcoal colored black.

If the line appears to be more than 1/16th of an inch, try using a different
paper type and selecting "Best" from the Options menu in the Print dialogue
box.

Note: Other laser printers and solid wax printers will display this effect, but
sublimation printers will not because they actually create continuous tone
images by varying the heat applied to solid pigment.

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