

GLOW-IN-THE-DARK INK

Phosphorescent Plastisol Ink

APPLICATION

- **DIRECT PRINTING ON WHITE BACKGROUNDS**

FEATURES

- **AVAILABLE READY-TO-PRINT OR AS COMPONENTS**
 - **GLOWS A BRIGHT LIGHT-GREEN COLOR IN THE DARK**
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SPECIFICATIONS: PLUS-F666

GLOW-IN-THE-DARK INK:

PLUS-F666 PHOSPHORESCENT:

PLUS-F666 is a phosphorescent (glow-in-the-dark) plastisol ink which is supplied ready-for-use or in a component (powder and base) form. This ink is formulated for application to cotton and cotton/polyester garments and novelty items.

This ink will only be effective in complete darkness, when it will radiate a bright lite-green color. Heavier ink deposits will result in increased phosphorescence (brightness) and a longer "after-life." It must be printed on white fabric or, for best results, over white plastisol (PATH-1000 is recommended).

In daylight or artificial light conditions, this ink will have a pale off-white hue. Colors can be obtained by adding small amounts (up to 10%) of UNION INK'S PLUS-FIREBRITE Fluorescent Inks.

PHOSPHORESCENT COMPONENT FORM:

Screen printers can mix their own phosphorescent plastisols by purchasing UNION INK'S Phorescent Green Powder (ADDI-1524) and Ultrasoft PLUS-9030 Clear for Metallics.

For best results add six pounds of phosphorescent powder to each gallon of clear (1-1/2 phosphorescent powder to each quart).

MIXING INSTRUCTIONS:

1. Measure off seperately the desired amount of powder and clear. Place the powder in a clean empty container to be used for mixing.
2. Dampen the powder slightly with a small amount of clear. Mix thoroughly into a heavy paste and slowly add the balance of the premeasured clear, mixing constantly as the mixture reduces in viscosity to become a smooth liquid. Continue blending into a homogeneous mixture suitable for printing.

SCREEN FABRIC:

For best results coarser meshes such as 41T-62T monofilament (6XX) should be used. Finer meshes up to 110T monofilament (10XX) can be used with less brightness.

CURING:

Curing specifications are similar to those of UNION INK'S standard plastisol inks.

WASH-UP:

Mineral Spirits or biodegradable WASH-9900.

ALWAYS TEST BEFORE USING IN PRODUCTION

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