

GLOW-IN-THE-DARK 108



RECOMMENDED FABRICS

100% Cotton
Some Cotton/Polyester Blends



INK APPLICATION

Glow-in-the-Dark 108 should be used right from the container without any modifications



ADDITIVES

If modification is necessary, use 1% to 5% by volume of 1110 Curable Reducer



SCREEN MESH

60-230 t/in (24-90t/cm)
monofilament



EMULSION

Any direct or indirect emulsion or capillary film in the 35 to 70 micron range



SQUEEGEE

65-75 Durometer
Sharp edge



CURE TEMPERATURES

325°F (163°C) for 1 minute
dependent on dryer speed and temperature settings



CLEAN-UP

Any eco-friendly plastisol screen wash



PRODUCT PACKAGING

Quart, 1 gallon, 5 gallon, 30 gallon or 50 gallon containers



STORAGE OF INK CONTAINERS

65° to 90°F (18°C to 32°C)
Avoid storage in direct sunlight Keep containers well sealed



SDS

Refer to SDS prior to use

FEATURES

Glow-in-the-Dark 108 (phosphorescent) is a plastisol screen printing ink that produces a bright, greenish glow when exposed to light and viewed in a darkened area.

Glow-in-the-Dark 108 can be used for direct print or cold peel transfer applications.

Glow-in-the-Dark 108 is ready for use straight from the container.

INK APPLICATION

Direct Prints: Glow-in-the-Dark 108 ink should be used right from the container without any modifications. If thinning is required, use 1% to 5% by volume of 1110 Curable Reducer. Adding too much reducer or other additives will diminish opacity and glow.

Transfers (cold peel): It is important that the inks are only partially gelled, otherwise the inks will not have adequate adhesion during the final transfer application.

IMPORTANT INFORMATION

Glow-in-the-Dark 108 is not a low bleed ink. Always test print the fabric to be printed before beginning production. It is best to do some long term testing on fabrics to determine if they are going to bleed. Bleeding or dye migration may not occur right away.

Glow-in-the-Dark 108 is a very transparent ink and works best when printed on white fabric or over a white base.

Do not fuse or cure the ink at too high a temperature (over 330°F or 166°C) as the phosphorescent pigment used in the ink can be damaged and not glow properly.

Adding too much reducer, soft hand additive or clear base will diminish glow. **STIR** the ink prior to printing on press and after addition of reducers or additives.

Heavier ink deposits of Glow-in-the-Dark 108 will result in increased phosphorescence (glow brightness) and a longer glow after exposure to a bright light source. Depending on the amount of light exposure to the ink, the darkness of the area where the ink is being viewed and the eye sensitivity of the person viewing the ink, the glow may be visible anywhere from 15 minutes up to two hours.

When making cold peel transfers for dark fabrics, back transfers with white ink. Cold peel transfers should be applied at 350°F to 375°F (177°C to 191°C), medium pressure (40 lbs.) for 10 to 15 seconds.

Test dryer temperatures and wash test printed product before and during a production run.

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