

FEATURES

- 108* is a Glow-in-the-Dark (phosphorescent) plastisol screen printing ink that produces a bright, greenish glow when exposed to light and viewed in a darken area.
- 108 can be used for direct print or cold peel transfer applications.
- Ready for use from the container.

*Lead Compliant (Contains less than 90 ppm lead)

Application & Storage Information

RECOMMENDED FABRICS	100% cotton and some cotton/polyester white fabrics. For best results on dark fabrics, 108LF must be printed over a white base or Puff.
INK APPLICATION	Direct Prints: 108 Glow-in-the-Dark 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
SCREEN MESH AND EMULSION	60-230 t/in or 24-90 t/cm Monofilament Use 110-230 t/in or 43 –90 t/cm Monofilament for under basing. Any direct or indirect lacquer resistant emulsion. Use 35 to 70 micron capillary film for best results.
SQUEEGEE	65-70 Durometer: Sharp Edge 60-90-60 Triple Durometer: Sharp Edge
CURE TEMPERATURE	Direct prints: 325°F (163°C) entire ink film. Transfers: Gelation 225°F to 260°F (107°C to 127°C)
CLEAN-UP	Any environmentally friendly plastisol screen wash.
PRODUCT PACKAGING	Quart, 1 Gallon, 5 Gallon, or 30 Gallon Containers.
STORAGE OF INK CONTAINERS	Recommend storage at 65°F to 90°F (18°C to 32°C). Avoid storage in direct sunlight. Keep containers well sealed.
PRODUCT MSDS	Refer to material safety data sheet MSDS8.

IMPORTANT INFORMATION

1. 108 Glow-in-the-Dark is a very transparent ink and works best when printed on white fabric or over a white base.
2. 108 Is not a low bleed ink. Always test print the actual fabric to be printed before beginning production. We suggest long term testing on fabrics to determine if there are going to be any dye migration or bleeding problems. Dye migration or bleeding may not occur right away.
3. 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.
4. Adding too much reducer, soft hand additive or clear base will diminish glow.
5. Heavier ink deposits of 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 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 30-seconds to several minutes.
6. When making cold peel transfers for dark fabrics, back transfers with white ink.
7. 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.

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108 GLOW IN THE DARK