



GLOW-IN-THE-DARK

1808



RECOMMENDED FABRICS

100% Cotton
50/50 Cotton/Polyester Blends

INK APPLICATION

Glow-in-the-Dark 1808 should be used right from the container without any modifications.

ADDITIVES

Not recommended

SCREEN MESH

160-230 t/in (63-90t/cm)
monofilament recommended

EMULSION

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

SQUEEGEE

65-70 Durometer
Sharp edge.

CURE TEMPERATURES

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

CLEAN-UP

Any environment friendly plastisol type 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

AXEON™ Glow-in-the-Dark (phosphorescent) 1808 is a non-PVC screen printing ink that produces a bright, greenish glow when exposed to light and viewed in a darkened area.

Glow-in-the-Dark 1808 can be used to add flair to your prints, when incorporated into the artwork and design.

Glow-in-the-Dark 1808 is ready for use, straight from the container.

SPOT FLASHING

Glow-in-the-Dark 1808 will spot dry, with a very low after flash tack. Dwell time is dependent on the spot dryer used. In some cases, you may have to lower the heat of the spot cure unit because too much heat may actually make the ink tacky. When you spot dry, you are only partially fusing or gelling the surface of the ink. The ink should be dry just to the touch, with no lift off, but not totally fused. Totally fusing the underprint may cause inter-coat adhesion problems with the inks printed on top. Final fusing or curing will occur in the dryer. Failure to fuse ink properly may cause cracking, poor adhesion and poor wash fastness.

IMPORTANT INFORMATION

Glow-in-the-Dark 1808 is a very transparent ink and works best when printed on white fabric or over a white base.

Glow-in-the-Dark 1808 is not a low bleed ink. Always test print the actual fabric to be printed before beginning production. We suggest long term testing on polyester fabrics to determine if there are going to be any dye migration or bleeding problems. Dye migration or bleeding may not occur right away.

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.

Heavier ink deposits of 1808 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 30 seconds to several hours.

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

Always test print the fabric to be used before beginning production to see if the desired performance is obtained.

This ink and those in the AXEON™ product line are not formulated with PVC resins or phthalate plasticizers, nor are they intentionally added.

Care should be taken to not cross-contaminate the AXEON™ products with PVC or phthalate containing products.

Do not use standard plastisol curable reducers with this or any of the AXEON™ products.

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