

Excalibur

Technologically Superior Ink



700PF GLOW-IN-THE-DARK

Excalibur's Glow-In-The-Dark plastisol ink produces a dramatic special effect where the print will glow yellow-green in darkness or low-light situations. Light will penetrate through the clear base activating the pigment creating a bright, and long lasting glow effects when the printed garment is worn in a dark environment. Because the pigment may settle to the bottom of container during storage it is always wise to stir the ink prior to printing.

FEATURES AND BENEFITS

- Creates a glowing yellow-green look in environments of low-light or complete darkness.
- Pigment charges quickly for a brighter, longer lasting glow effect.
- Can be tinted with 500PF Series Fluorescent Colours for different shades. See mixing instructions in Technical Information.
- Completely phthalate-free and lead-free formulation complies with all standards of Consumer Product Safety Improvement Act (CPSIA) banning phthalates and heavy metals in textile-printing inks.

TECHNICAL INFORMATION

Gel Temperature: Ink will gel on surface at 240° F (116° C).

Curing: Prints will fully cure when the entire ink film reaches 320°F (160°C) for at least 15 seconds.

Substrate: For best results the Glow-in-the-Dark ink should be printed directly upon a white 100% cotton t-shirt or on top of a white underbase.

Mesh: Mesh counts between 110--160/inch (43T-64Tcm) may be used and choice of mesh will be dependent upon detail in design and opacity level required.. Coarser meshes will reduce detail in design but will produce a brighter and longer-lasting glow effect.

Stencil: Any emulsion compatible with plastisol inks.

Modification: If absolutely necessary and only after ink has been thoroughly stirred in the container Excalibur 501PF may be utilized in small amounts (5-10% by weight) to reduce viscosity.

Squeegee: 70 durometer or 90/70/90 triple durometer blades are recommended.

Clean-up: Use Enviro Series 2000 Green or Enviro Series TR Blend.

CAUTION

Always test finished prints for curing, adhesion, bleed-resistance, ink film thickness and desired look prior to beginning full production runs. Lancer Group International cannot guarantee the results or back claims that standard colours or mixed inks will test phthalate-free if any additive other than an additive manufactured by Lancer Group International is used to modify this ink. Test results by a third-party laboratory verifying all components used to produce this ink are phthalate-free and lead-free are available upon request.



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