

SILKFLEX GLOW-IN-THE-DARK PASTE GITD-203

Non-toxic Water-based Elastic Glow-In-The Dark Ink for Textile Silkscreen Printing

Type	Chemical Composition	Supplied Form	Ionicity	pH
Silkflex Glow-In-The-Dark Paste GITD-203	Binder + Phosphorescent Pigment	High viscosity greenish paste	Non-Ionic	>7

Properties

Silkflex Glow-In-The-Dark Paste GITD-203 is a highly effective phosphorescent ink with elastic properties for silkscreen printing on cotton and polyester-based fabric. Unlike conventional phosphorescent inks, Silkflex Glow-In-The-Dark Paste GITD-203 is formulated to be self-crosslinking and tack free. Hence, it provides excellent anti-block properties and will not adhere to the surface of other Silkflex inks (Premium rubber inks or Elastisol series) even after prolonged contact with the latter provided that the proper curing/drying procedure is followed. The phosphorescent ink is environment friendly and is completely free of the following chemicals: formaldehyde, phthalate, azo, lead, chromium, mercury, nickel, tin, chromium and alkyl phenol ethoxylate (APEO). The Silkflex Glow-In-The-Dark Paste GITD-203 provides phosphorescent prints with smooth surface, excellent soft feel and exceptional wash resistance.

Application Procedure

Silkflex Glow-In-The-Dark Paste GITD-203 can be used on top of itself or directly on other Silkflex inks example, Silkflex Premium Rubber or Elastisol inks as bases. Allow prints to air-dry completely (~6 hours) before heat curing. Heat curing can be carried out by the heat press method (160°C - 170°C for 10 seconds) or by using a conventional oven (130°C - 140°C for 2 minutes). Do not apply excessive pressure for prolonged periods of time in the heat press method because it may cause irreversible damage to the phosphorescent print.

Storage

Do not exceed twelve months from date of manufacture. Protect from frost (>5°C). Keep lids tightly closed at all times after use.