

Shaliteink®

CURING	THINNING & WASH-UP	APPLICATIONS	STENCIL TYPE	LIMITATIONS	APPLICATIONS	FABRICS	COLOUR RANGE
Cure time (under 3 min at 150-170°C) is governed by heat transfer efficiency. Increased coat weight slows heating, necessitating a longer cure cycle or elevated temperature.	No additive needed Stir thoroughly before printing directly screen print on textile Can be added diluent to reduce viscosity Cleanup: use standard silicone cleaning agents	Screen print directly for original white effect or mix with colors together by any rate for new colors for printing	High-Density Effect Apply High Density Plastisol 1700 as the underbase layer, then overprint with white plastisol to achieve a raised, textured finish. Recommended mesh count: 40-60T Halftone / Shading Effect Print the plastisol ink directly onto the fabric in two to three light passes to create a smooth halftone or shading effect. Recommended mesh count: 60-98T Color Blending All plastisol shades are intermixable in any ratio, allowing printers to create custom color matches tailored to specific design needs.	This product is neither tested nor represented as suitable for medical or pharmaceutical uses.	T-shirts, flags, banners, sports and fashion apparel, scarves, swimwear, upholstered furniture, and curtains. Yardage, cushions, tablecloths and bed linens, tea towels, and tote bags.	Cotton, cotton/poly-ester blends, and most synthetic fabrics. Wool may be less durable after washing and dry cleaning.	Shaliteink - plastisol ink Standard Colors: Black, White + 8 glosses Technical Set: CMY+K Metallic: 20 colors
PROPERTIES Properties: solvent-free, low odor, intermixable, lightfast, non-bleeding Color range: standard, glow, process (brilliant transparency & high opacity) Fastness: excellent wash & dry clean resistance post-production: ironable when cured				PRODUCT RESISTANCE After heat curing, prints exhibit excellent resistance to wet and dry rub.			

DRYING AND CURING

When using IR dryers, treatment must be taken to make certain the ink movie gets to full cure. For artificial materials and blends, a reduced curing temperature incorporated with a much longer dwell time is recommended. If your drying out problems vary from these guidelines, please consult your regional agent for technological assistance.

Vital: The treating times and temperatures provided refer to the ink deposit temperature, not the dryer setting. Constantly confirm with temperature level examination strips or an infrared thermostat to ensure correct curing.

2- 3 mins at 160 ° C (320 ° F)

5- 6 mins at 140 ° C (285 ° F)

8- 9 mins at 120 ° C (250 ° F)

If a print retarder is contributed to the ink, note that this will also expand drying time. Constantly carry out a wash test to confirm that the treating procedure suffices.

FASTNESS

The inks demonstrate very good to outstanding lightfastness, with the majority of shades reaching the maximum 8/8 rating on the Blue Wool Scale, and no shade falling below 6/8. Once properly heat cured, prints show exceptional durability against both laundering and dry-cleaning processes.

Color Matching Advisory:

Please note that exposure to high curing temperatures in combination with aggressive detergents can occasionally lead to color variation in certain shades. For this reason, it is strongly recommended to conduct wash fastness tests on all formulations before moving into full production.

*All glow colours and phosphorescent green exhibit diminished light fastness, particularly in direct sunlight

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