

GC PLASTISOL INKS

[click here for color chart](#)

PLASTISOL INK

PRODUCT FEATURES

- Multi-purpose Plastisol Inks for Direct and Indirect printing.
- Excellent elasticity
- Super Opaque colours
- Low residual odour
- Non-bleeding colours



PRODUCT DESCRIPTION

GC Plastisol is a soft, creamy ink designed for both direct and transfer printing applications either hot or cold peel. Plastisol has excellent coverage on dark fabrics, yet easily adjusts to a "softhand" finish on light or white fabrics. With the addition of one or two products Plastisol becomes a true Multi-purpose Plastisol. Excellent results can be obtained in direct printing Wet-on-Wet without any build-up colours.

DRYING

Direct printing on garments 325° F for 1-1/2 minutes transfer printing (cold and hot peel) 220-240°F for 20-60 seconds. (Note: the heat-transfer press provides the full curing). The cure on direct printed garments may be affected by the thickness of the ink deposit, heat fluctuations and the type of dryer. Too much heat may cause the dyes in the garment to migrate (colour bleeding), fabric scorching and shrinkage. A good test to see if the ink is cured is to stretch the cured print; if it stretches like a rubber band, then it has formed a continuous film and is fully cured. If it starts to break apart, then it is under cured. Additional passes through the dryer at the same temperature setting does not work. It is necessary to increase the temperature if the garment reaches 325°F, the Plastisol ink will be well cured.

TRANSFER APPLICATION

For regular transfers the recommended temperature is 360-375°F for 6 seconds applied under pressure. Let cool for a few seconds and peel. For Hot Split transfers the recommended temperature is 360°F for 6 seconds, applied under pressure. Peel paper immediately.

SUBSTRATES

Cotton and Poly/cotton blends, most open mesh knits but not materials that have been waterproofed.

FABRIC/STENCIL

For heavy deposit printing on dark garments use 86-139 Monofilament. For light deposit printing on white or light coloured garments use 157-245 Monofilament. For Hot-split transfer paper use 86-157 Monofilament. The recommended fabrics are to be used as a guideline only and to achieve the best results testing should be done. All stencil systems can be used, but direct photographic emulsions will provide the most durable stencil. Indirect stencils can be used.

THINNERS

1180-50 Thinner. Plastisol inks may be used straight from the can, but maximum 20% of thinner is recommended. For reducing viscosity when required.

CAUTION

Too much thinner may increase the curing requirements of ink resulting in fabric scorching, shrinkage, especially on 50-50 Poly/cotton fabric blends.

HEAT TRANSFER PAPER

TRANSFERT-75 COLD PEEL HEAT TRANSFER PAPER.
Size 25" x 38" - .95 Per Sheet

TECHNIPLAST®

ADDITIVES

The 1100 series Plastisol ink may be used straight from the container but a maximum 2% of 1180-50 wetting agent thinner is recommended for reducing viscosity when required. Too much thinner may increase the curing requirement resulting in fabric scorching and shrinkage, especially on 50/50 polyester cotton. Using Mineral Spirits for thinning purposes will cause resin particles to swell, creating changes in viscosity which may cause poor opacity or blurred images. Plastobond - add 10-15% to Plastisol Ink for nylon printing. Powder Transfer adhesive - a bonding agent that promotes adhesion to the garment.

1. Allow 24-96 hours after test printing to evaluate ink for intended application.
2. If product requires overlapping coats, (multi-colors) test ink on substrate with overlapping colors.
3. Refer to MSDS sheet for heavy metal content.

FLUORESCENT TECHNI-COLOURS

		GALS
SP-11FB	FLUOR BLUE	75.00
SP-11FC	FLUOR CHARTREUSE	75.00
SP-11FG	FLUOR GREEN	75.00
SP-11FM	FLUOR MAGENTA	75.00
SP-11FO	FLUOR ORANGE	75.00
SP-11FP	FLUOR PINK	75.00
SP-11FR	FLUOR RED	75.00

SPECIAL COLOURS

		GALS
SP-GLO	GLO-IN-THE-DARK	250.00
SP-11-298	298 POWDER BLUE	80.00
SP-11GR-C	GREEN SEA	80.00
SP-11MA	MAGENTA	80.00
SP-11RE	RED 185	80.00
SP-11RH	RHODAMINE	80.00
SP-11RU	RUBINE	80.00
SP-11TU	TURQUOISE	80.00
SP-11WR	WARM RED	80.00
SP-11485	485 RED	80.00
SP-032	RED 032	80.00
SP-021	ORANGE 021	80.00

TECHNIPLAST COLOURS

		GALS
SP-1111	CASPER WHITE	60.00
SP-1110	PRIMROSE	65.00
SP-1112	LEMON	65.00
SP-1114	S.O. GOLD	70.00
SP-1115	CHROME	65.00
SP-1118	ORANGE	70.00
SP-1123	SCARLET	65.00
SP-1125	BRIGHT RED	65.00
SP-1127	VERMILLION	70.00
SP-1128	DEEP RED	60.00
SP-1129	MAROON	70.00
SP-1135	GREY	60.00
SP-1142	DK GREEN	60.00
SP-1145	EMERALD	65.00
SP-1147	KELLY	62.00
SP-1151	S.O. LT BLUE	58.00
SP-1153	OPAQUE ARGO BLUE	60.00
SP-1154	NAVY BLUE	60.00
SP-1155	REFLEX BLUE	60.00
SP-1156	S.O. PROCESS BLUE	60.00
SP-1157	ROYAL BLUE	60.00
SP-1158	ULTRA BLUE	60.00
SP-1159	PURPLE	65.00
SP-1165	BROWN	60.00
SP-1170	BLACK	40.00
SP-11MG-P	METALLIC GOLD PALE	82.00
SP-11MG-R	METALLIC GOLD RICH	82.00
SP-11MS	METALLIC SILVER	82.00
SP-11GG	GOLD GLITTER	90.00
SP-11SG	SILVER GLITTER	90.00

SPOT CLEANER FOR PLASTISOL
S.P.I.F. SUPERKLEEN®
removes cured plastisol from all textiles.
Apply with a spot cleaning gun.

GALLON 59.75

TECHNI-PLAST ADDITIVES & BASES

		GALS
SP-1100-PR	HI CLARITY EXTENDER & BASE	40.00
SP-1100-OP	OPAQUE BASE	48.00
SP-1180-225	SOFTHAND CLEAR	40.00
SP-1180-50	WETTING AGENT	38.00
SP-13PA	PUFF ADDITIVE	180.00
SP-15AD	HOT SPLIT ADDITIVE	92.00
SP-1100-PB	PLASTOBOND (1 QT.)	45.00
SP-1100	HI DENSITY WHITE	100.00
SP-1100	HI DENSITY BLACK	90.00