

# GC PLASTISOL INKS

[Click here for color chart](#)

## 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" -1.55 Per Sheet

TECHNIPLAST COLOURS		GALS
SP-1111	CASPER WHITE	85.00
SP-1110	PRIMROSE	96.70
SP-1112	LEMON	96.70
SP-1114	GOLDEN YELLOW	97.50
SP-1115	CHROME	96.70
SP-1118	ORANGE	104.15
SP-1123	SCARLET	96.70
SP-1125	BRIGHT RED	96.70
SP-1127	VERMILLION	104.15
SP-1128	DEEP RED	89.30
SP-1129	MAROON	104.15
SP-1135	GREY	89.30
SP-1142	DK GREEN	89.30
SP-1145	EMERALD	96.70
SP-1147	KELLY	91.75
SP-1151	S.O. LT BLUE	86.80
SP-1153	OPAQUE ARGO BLUE	89.30
SP-1154	NAVY BLUE	89.30
SP-1155	REFLEX BLUE	89.30
SP-1156	S.O. PROCESS BLUE	89.30
SP-1157	ROYAL BLUE	89.30
SP-1158	ULTRA BLUE	89.30
SP-1159	PURPLE	96.70
SP-1165	BROWN	89.30
SP-1170	BLACK	70.75
SP-11MG-P	METALLIC GOLD PALE	121.50
SP-11MG-R	METALLIC GOLD RICH	121.50
SP-11MS	METALLIC SILVER	121.50
SP-11GG	GOLD GLITTER	133.90
SP-11SG	SILVER GLITTER	133.90

**Transfer Glue**  
1 lb. size - 65.00

**Spot Cleaner**  
S.P.I.F. Superkleen

Removes cured plastisol from all textiles. Apply with spot cleaning gun. Gallon 94.00

# 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 over lapping colors.
3. Refer to MSDS sheet for heavy metal content.

## FLUORESCENT TECHNI-COLOURS

		GALS
SP-11FB	FLUOR BLUE	110.35
SP-11FC	FLUORCHARTREUSE	110.35
SP-11FG	FLUOR GREEN	110.35
SP-11FM	FLUOR MAGENTA	110.35
SP-11FO	FLUOR ORANGE	110.35
SP-11FP	FLUOR PINK	110.35
SP-11FR	FLUOR RED	110.35

## SPECIAL COLOURS

		GALS
SP-GLO	GLO-IN-THE-DARK	370.75
SP-11-298	POWDER BLUE	110.35
SP-11GR-C	GREEN SEA	110.35
SP-11MA	MAGENTA	110.35
SP-11RE	RED 185	110.35
SP-11RH	RHODAMINE	110.35
SP-11RU	RUBINE	110.35
SP-11TU	TURQUOISE	110.35
SP-11WR	WARM RED	110.35
SP-11485	485 RED	110.35
SP-032	RED 032	110.35
SP-021	ORANGE 021	110.35

## TECHNI-PLAST ADDITIVES & BASES

		GALS
SP-1100-PR	HI CLARITY EXTENDER & BASE	59.50
SP-1100-OP	OPAQUE BASE	71.90
SP-1180-225	SOFTHAND CLEAR	59.50
SP-1180-50	WETTING AGENT	57.00
SP-13PA	PUFF ADDITIVE	266.50
SP-15AD	HOT SPLIT ADDITIVE	122.75
SP-1100-PB	PLASTOBOND (1 PT.)	79.35
SP-1100	HI DENSITY WHITE	142.60
SP-1100	HI DENSITY BLACK	136.40