

TECHNICAL INFORMATION

General Description: These are 100% solids plastisol inks formulated for direct printing (manual and automatic), cold peel transfers (adhesive powder recommended) and hot peel transfers (additive required). In many applications the inks can be printed right from the can with little or no modification.

Curing: All inks cure at 320 degrees. Heat tapes are a good way to check your dryer, but a wash test is the only fool proof way to test ink cure. For flashing or transfer printing, ink gelation occurs at approx. 230 degrees. Metallic inks and heavier ink deposits require longer cure times!

Substrates: Cotton, polyester and cotton/polyester blends. Always test ink and substrate for adhesion and possible dye migration (bleeding) problems prior to production run. Hi Test Inks are low bleed and opaque on dark substrates. Damn Good Inks are soft hand inks for white and light color substrates; opacity and bleed resistance vary from poor to good, so a white ink underlay may be required on dark substrates.

Screen Mesh:

- 60-83 Metallic Inks, athletic uniforms, maximum opacity, Glow-In-The-Dark ink.
- 83-125 Puff Inks, transfer printing, Hi Test Inks on dark substrates.
- 110-160 White ink underlay on dark substrates.
- 110-195 Damn Good Inks on white and light substrates.
- 110-230 Nylon jackets and nylon bags.
- 160-250 Damn Good Inks printed on flash cured white underbase.
- 280-330 4-Color process printing.

Squeegee: We recommend 60/90/60 triple durometer squeegee with sharp square edge for most applications. A harder 70/90/70 squeegee may be preferred for halftone, 4-color process and nylon printing. Traditional single durometer squeegees can also be used if preferred.

Cleanup: Bob's Screen Wash or other biodegradable screen wash is preferred. Mineral spirits (paint thinner) also work but are not recommended.

Ink Modification: Stir all inks before using. To thin inks add curable reducer (up to 20% by volume). You can add curable reducer to Hi Test Inks but adding more than 2-4% can reduce opacity and bleed resistance. To increase ink volume (i.e., when you don't have enough of an ink color to finish a job) add extender base which is ink without any color pigment.

Review Material Safety Data Sheets (MSDS) for health and safety information.



HINT: Use the lowest mesh count that will hold the details of your design. On dark shirts, most printers use the "PRINT-FLASH-PRINT" technique. Maximizing ink film thickness is an essential part of bleed resistant prints. Since high opacity inks lay down thicker, they need more time in the dryer to cure.

Disclaimer: All recommendations and statements made are based upon our research and experience. However, since we have no control over the conditions of use and storage of the products sold, we cannot guarantee the results obtained through the use of our products. All products are sold and samples given without any representation or warranty expressed or implied, of fitness for any particular purpose or otherwise, and upon condition that the buyer shall determine the suitability of the product for its own purpose. This applies also where protective rights of third parties are involved. It does not release the user from the obligation to test the suitability of the product for the intended purpose and application.

PERFORMANCE
Screen Supply™

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DAMN GOOD PLASTISOL INK™

"Premium Soft Hand Plastisol Inks"

- ✓ EASY PRINTING BY HAND OR AUTOMATIC
- ✓ SMOOTH AND CREAMY CONSISTENCY
- ✓ PREMIUM QUALITY ✓ REASONABLE PRICES

HI TEST INK™ HIGH OPACITY - LOW BLEED INKS



You don't need big arms to print these inks!

They're smooth and creamy so you can print faster and get better coverage with less effort! Our special formula won't fatigue the manual printer and allows the automatic screen printer to *crank up the speed*. This ink is a screen printer's dream come true.

AVALANCHE WHITE™
Incredible new technology allows our thinnest formula ever! Superior bleed resistance and more optical whiteners than our HI TEST white.
Available in WHITE only.

POLY KILLER WHITE™
NEW! Bleed resistant to the MAX. Poly Killer White has the maximum killing peroxide & special expensive bleed resistant plasticizers. Only use on 100% polyester fabrics. Slip sheet all printed shirts to prevent ghosting & no overprinting with other colors without testing first. This ink is sick stuff - Use care!!

SUPER HI TEST INK™
Even more bleed resistant and opaque than our original HI TEST ink. SUPER HI TEST inks are slightly thicker but still easy to print by hand.
WHITE and GOLDEN YELLOW

TECHNICAL SUPPORT

We provide free technical support of all screen printing products (no matter where you got them). Since we use our products every day in our working shop, we tend to give "real world" help to get you up and running fast.

Help (800)659-8337

MATERIAL SAFETY DATA SHEETS (MSDS)

Material Safety Data Sheets are available on all products. It is our policy to attach the MSDS to your invoice the first time you purchase a product. If you need a copy of an MSDS for any reason please call us at (800)659-8337 and we will fax or mail it immediately.

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Orange
1655C



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178C



Vermillion Red
172C



Scarlet Red
185C



Brite Red
1797C



Flag Red
193C



Maroon
1807C



Cardinal
194C



Hot Pink
211C not exact



Awareness Pink
232C



Fuschia
214C



Magenta
2622C



Purple
2685C



Ultra Blue
2736C



Light Blue
278C



Brite Blue
2925C



Royal Blue
286C



Navy Blue
289C



Flag Blue
289C



Columbia Blue
646C



Teal
3015C



Turquoise
320C



Jade
328C



Lime Green
347C



Brite Green
356C



Forest Green
3308C



Grey
429C



Black



Vegas Gold
4515C (not metallic)



Natural
719C



Khaki
467C



Medium Brown
4705C



See catalog for all
of our White Inks

White



Metallic Silver
877C



Metallic Gold
872C



Glow-In-The-Dark
365C (in dark)

Ink Additives Available:
Puff Additive
Reducer (Curable)
Extender Base
Thickening Powder