

**DESCRIPTION**

**LB9600 Non-Phthalate Velocity White** is a press ready low-cure plastisol white ink for printing on 100% polyester or Poly-Blend Fabrics. **Velocity White** has the great dye-migration resistance.

**FEATURES**

- Excellent Low-Bleed Qualities for printing on 100% Polyester Fabrics
- **Smooth Athletic Surface – Great Stretch**
- Can be printed on top or as under-lay
- Non-Phthalate Plastisol Ink
- Great for high-speed/production printing
- Low Cure Formulation

**APPLICATION**

Ready-for-Use ink that can be printed directly onto 100% Polyester fabrics. We recommend printing **Velocity White** with mesh counts between 86 – 160 mc in. Squeegee Hardness Medium-Hard and sharp edge for high-definition printing. Velocity White cures at temperatures up to 280° F (137° C). For poorly dyed fabrics or difficult fabrics to print on we suggest using **Velocity Blocker Grey SB0850** as an under base.

**PRECAUTIONARY NOTES**

- Stir before use.
- *Fabrics that are poorly dyed or when extreme heat above indicated range is applied in the curing process can increase chance of bleeding (resisting the best low-bleed characteristics of low-bleed inks). We recommend using a base underlay in these circumstances.*
- *100% Cotton Users – beware of ghost image appearing if printing with low-bleed inks. Velocity White should be used to print on 100% Polyester and Poly-Cotton Blend fabrics.*
- *Do Not Iron Printed Image Area, Bleach, or Dry Clean.*
- *Always test before entering into production.*
- **IMAGE TECHNOLOGY Non-Contamination Recommendation:** *Please mix bases, modifiers, and additives in clean mixing containers using clean mixing tools. Contamination from other sources or un-approved additives could result in a positive test for restricted phthalates.*

| Recommended Parameters     |  |
|----------------------------|--|
| <b>Fabric Usage</b>        | 100% Polyester / 50-50 Poly-Blend                                |
| <b>Fabric Colors</b>       | Light, Medium, Dark  |
| <b>Wet Tack</b>            | Medium   |
| <b>Post-Flash Tack</b>     | Low  |
| <b>Surface (Feel)</b>      | Satin  |
| <b>Opacity / Viscosity</b> | High / Medium-High   |
| <b>Bleed Resistance</b>    | High Resistance  |
| <b>Flash Temperature</b>   | 155-160° F / 68.3-71.1° C  |
| <b>Cure Temperature</b>    | 270-280° F / 132-138° C  |
| <b>Squeegee Hardness</b>   | Triple (Medium-Hard)   |
| <b>Squeegee Edge</b>       | Sharp  |
| <b>Squeegee Angle</b>      | 10 °   |
| <b>Squeegee Stroke</b>     | Flood – Medium-Hard Stroke                                       |
| <b>Emulsion</b>            | Capillary Film/Dir. Emulsion (ITX Emulsion)                      |
| <b>Mesh Count</b>          | 86 – 160 mc in. (34-64 t/cm)                                     |
| <b>Underlay</b>            | <b>Velocity Blocker Grey SB0850</b>                              |
| <b>Thickener</b>           | N/A  |
| <b>Storage</b>             | 60° - 95° F (18° - 32° C)<br>Avoid Dir. Sunlight – Store Indoors |
| <b>Cleanup</b>             | <b>SC-21/25 or SC-5050S</b>                                      |

Any information provided in this technical data sheet (TDS) should be tested or consulted with IT representative prior to use in printing.

Image Technology, Inc. does not knowingly add plasticizers containing phthalates listed and outlined in California Bill 1108, CPSC HR-4040, and OEKO-TEX Standard 100. The information in this publication is based on information and experience believed to be reliable. Since many factors may affect processing for any application, processors must carry out their own tests and experiments to confirm suitability for intended use. You must make your own determination of suitability for own intended use and environmental acceptability, the safety and health of employees, and/or purchasers of product.