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WW0207 Digital Screen Discharge White

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | White
- **Opacity/Viscosity** | Low/Low
- **Bleed Resistance** | None
- **Gel Point/Flash Time** | 160°F (71°C)/decreases with deposit thickness
- **Fusion Temperature** | 320°F (160°C)
- **Squeegee Hardness** | Medium
- **Squeegee Blade** | Sharp
- **Squeegee Angle** | 15 degrees to screen
- **Squeegee Speed** | Medium
- **Underlay** |
- **Emulsion** | Direct or indirect
- **Mesh Count** | 80-230 mc in (31-90 mc cm)
- **Thinner** | RV Additive
- **Thickener** | Thickener B
- **Storage** | 65°F to 95°F (18°C to 35°C). Avoid direct sun.
- **Cleanup** | Water and mild soap or detergent
- **Color Range** | Milky
- **Substrate Type** | Most
- **Substrate Color(s)** | Light, Medium, and Dark Fabrics

Description

Digiace Digital Screen Discharge White is an ultra-soft hand discharge white screen ink used as an under base in digital hybrid printing to improve the hand feel of the final print. Recommended for use as an under base to Digiace Digital Screen Clear or DS Hybrid Pre-Digital Clear for best results.

Features

- Ready for use
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- Is "**PVC Free**" and environmentally safe

Application

Print before DS Hybrid Pre-Digital Clear or Digiace Digital Screen Clear through screen mesh up to 230 in (90 cm) with a recommend dyer temperature of 320°F (160°C) for 2-3 minutes, **Digiace Digital Screen Discharge White** produces the softest prints achievable in textile hybrid screen printing today.

Special Recommendations

Digiace Digital Screen Discharge White should be mixed in clean vessels using clean mixing blades and utensils. Any contamination from other ink sources or non-approved additives could make **Digiace Digital Screen Discharge White** test positive for restricted PVC's.

- **Use Retarder MG 1-5% to help with open time in the screen**
- **Use Fixer WF-N 1-5% to help with wash fastness**
- **Use Softener MG 1-4% to help penetrate in to the garment**
- **Use RV Additive 1-3% to reduce viscosity**
- **Use Discharge Agent up to 10% to activate**