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Brite Discharge White

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Matte
- **Opacity/Viscosity** | High/Low
- **Bleed Resistance** | None
- **Flash Temperature** | 160°F (71°C)/decreases with deposit thickness
- **Cure Temperature** | 320°F (160°C)
- **Squeegee Hardness** | Medium
- **Squeegee Blade** | Sharp
- **Squeegee Angle** | 45 degrees to screen
- **Squeegee Speed** | Medium
- **Underlay** | N/A
- **Emulsion** | Direct or indirect
- **Mesh Count** | 86-130 mc in (34-63 mc cm)
- **Thinner** | RV Additive
- **Thickener** | N/A
- **Storage** | 65°F to 95°F (18°C to 35°C). Avoid direct sun.
- **Cleanup** | Water and mild soap or detergent
- **Color Range** | White
- **Substrate Type** | Cotton
- **Substrate Color(s)** | Light, Medium and Dark Fabrics

Description

Brite Discharge White is designed to be printed through lower mesh counts to establish an opaque white discharge print. Great for a spot white printing.

Features

- Easy to mix and print
- Can be blended with **Neo Pigments** up to 15% to achieve pastel colors
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- Blend 50/50 with **HM Discharge White** to go through higher mesh up to 230 mc in (91 mc cm)
- CPSIA and HR4040 Compliant
- Is “PVC Free”

Application

Print through mesh up to 160 mc in (63 mc cm) when cured at 320°F (160°C), **Brite Discharge White** produces the softest prints achievable in textile screen printing today.

Special Recommendations

Brite 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 **Brite Discharge White** test positive for restricted PVC's.

- **Brite Discharge White** can be dry cleaned or ironed
- 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 **Discharge Agent** up to 10% to activate
- Use **RV Additive 1-3%** to reduce viscosity