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WW0206 Alpha Color Discharge White

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Matte
- **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** | 45 degrees to screen
- **Squeegee Speed** | Medium
- **Underlay** | N/A
- **Emulsion** | Direct or indirect
- **Mesh Count** | 110-305 mc in (43-120 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** | Clear
- **Substrate Type** | Cotton
- **Substrate Color(s)** | Light, Medium and Dark Fabrics

Description

Alpha Color Discharge White is a blended discharge white that produces an opaque discharge white with excellent printability.

Features

- Easy to mix and print
- Can be blended with **Neo Pigments** up to 15% to achieve pastel colors
- Economical version of **Brite Discharge White**
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- Is “PVC Free”

Application

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

Special Recommendations

Alpha Color 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 **Alpha Color Discharge White** test positive for restricted PVC's.

- **Alpha Color 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 **Thickener B .25-1%** to help thicken the ink
- Use **RV Additive 1-3%** to reduce viscosity