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WS0559 Phantom Clear

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Matte
- **Opacity/Viscosity** |
Medium/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** | 86-120 mc in
(34-47 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** | All
- **Substrate Color(s)** | Light,
Medium Fabrics

Description

Phantom Clear is an ink that goes on clear and undetectable which works with all colored fabrics that darken with moisture. The effect is for the image printed with Phantom Clear with these compatible fabrics, to be revealed when the fabric around the image area gets darker due to moisture.

Features

- Easy to mix and print
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- Is “PVC Free” and environmentally safe

Application

Print through fine screen mesh up to 120 mc in (47 mc cm) when cured at 320°F (160°C), **Phantom Clear** produces the softest prints achievable in textile screen printing today.

Special Recommendations

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

- **Phantom Clear 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**