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WS0536 Discharge Binder 301 DM

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Matte
- **Opacity/Viscosity** | Low/Low
- **Bleed Resistance** | None
- **Curing Temperature/Time** | 320°F (160°C) x 2~3 min.
- **Squeegee Hardness** | Medium
- **Squeegee Blade** | Sharp
- **Squeegee Angle** | 45 degrees to screen
- **Squeegee Speed** | Medium
- **Underlay** | N/A
- **Emulsion** | Direct or indirect
- **Mesh Count** | 70-150 mesh
- **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

Eco Discharge Binder 301 creates super vibrant colors when blended with “**Neo Pigments**” up to 15%, and also the print has superior wash durability compare than other discharge products. Great for printing spot color discharge prints.

Features

- Easy to mix and print
- Create thousands of color shades by adding up to 10% Neo Pigments
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- Create a tunnel on tunnel look with superb softness
- Is “**PVC Free**” and environmentally safe

Application

Print through screen up to 150 mesh → drying → conveyor drying at 320°F (160°C) x 2~3 min. → rinsing with water → dry / finish

Special Recommendations

Discharge Binder 301 DM should be mixed in clean vessels using clean mixing blades and utensils. Any contamination from other ink sources or non-approved additives could make Discharge Binder 301 DM test positive for restricted PVC's.

- **Discharge Binder 301 DM can be ironed**
- **Use Retarder MG 1-5% to help with open time in the screen**
- **Use Softener MG 1-4% to make it even softer hand feel**
- **Use Thickener B .25-1% to help thicken the ink**
- **Use RV Additive 1-3% to reduce viscosity**
- **Please complete rinsing process after discharge to avoid embrittlement of fabric over time, also to avoid the formaldehyde contamination.**