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WB0058 Flock Binder 301

Technical Data Sheet

- **Printability** | Excellent
- **Surface Appearance** | Gloss
- **Opacity/Viscosity** | Low/Low
- **Bleed Resistance** | None
- **Flash Temperature** | N/A
- **Cure Temperature** | 300°F (150°C)
- **Squeegee Hardness** | Medium
- **Squeegee Blade** | Sharp
- **Squeegee Angle** | 45 degrees to screen
- **Squeegee Speed** | Medium
- **Underlay** | Stretch Clear 301 if needed
- **Emulsion** | Direct or indirect
- **Mesh Count** | 80-120 mc in (32-47 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 and Dark Fabrics

Description

Flock Binder 301 is an adhesive base for direct flocking process. This product enables to get excellent adhesion to flock pile and also soft hand flock print.

Features

- Easy to mix and print
- Can be tinted with “**Neo Pigments**” to match embellishment color
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- Great for adhering flock pile
- OEKO-TEX® Compliant, CPSIA and HR4040 Compliant
- Is “**PVC Free**” and environmentally safe

Application

Print through screen mesh 80-120/in (32-47/cm) – flocking by electrostatics – dry – cure at 300°F (150°C) for 3 to 5 mins.

Special Recommendations

Flock Binder 301 should be mixed in clean vessels using clean mixing blades and utensils. Any contamination from other ink sources or non-approved additives could make **Flock Binder 301** test positive for restricted substances.

- To improve the fastness, additional Fixer WF-F or WF-N is recommended.(2-4%)
- If the ink penetrates into fabric too much, base-coating may be needed.
- Use Retarder MG 1-5% to help with open time in the screen.
- Use Thickener B 0.1 - 0.5% to help thicken the ink.
- Use RV additive 0.1 – 1.0% to reduce the viscosity.
- After storing for a long period of time, please stir well before use.