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Foil Adhesive TFG 301

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Gloss
- **Opacity/Viscosity** | Low/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** | 60-110 mc in (24-43 mc cm)
- **Thinner** | N/A
- **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** | White
- **Substrate Type** | All
- **Substrate Color(s)** | Light, Medium and Dark Fabrics

Description

Foil Adhesive TFG 301 is an adhesive base for flock sheets and foil transfer. It has excellent adhesion qualities. Can be printed on most textile fabrics where a printable adhesive is needed.

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 fabric together
- Adhere flock sheets and foil to fabric
- OEKO-TEX® Compliant, CPSIA and HR4040 Compliant
- Is “**PVC Free**” and environmentally safe

Application

Print through screen mesh up to 110 mc in (43 mc cm) when cured at 320°F (160°C), **Foil Adhesive TFG 301** produces the softest prints achievable in textile screen printing today. Transfer press settings: Temperature 330°F-350°F (166°C-177°C), 8-20 seconds, and 40-60 psi. All heat press manufacturers are subject to different settings, be sure to test your equipment.

Special Recommendations

Foil Adhesive TFG 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 **Foil Adhesive TFG 301** test positive for restricted PVC's.

- **Use Retarder MG 1-5% to help with open time in the screen**
- **Use Thickener B .25-1% to help thicken the ink**