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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**