



1501 West 178th Street | Gardena, CA. 90248
310-767-7812 | 800-359-5679 | fax: 310-767-7836
info@matsui-color.com | www.matsui-color.com

Top Print 301-FB

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Matte
- **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** | 110-150 mc in (43-59 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** | Clear
- **Substrate Type** | All
- **Substrate Color(s)** | Light, Medium and Dark Fabrics

Description

Top Print 301-FB is an anti-foil base that keeps foil from sticking to the desired print area. Print **Top Print 301-FB** in the area where you don't want the foil to stick.

Features

- Easy to mix and print
- Foil will resist to stick in areas where printed
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- OEKO-TEX® Compliant, CPSIA and HR4040 Compliant
- Is "PVC Free" and environmentally safe

Application

Print through screen mesh up to 150 mc in (59 mc cm) when cured at 320°F (160°C), a combination of minimal pressure, no more than 8 seconds and 350°F on the transfer press will result in the best results and keep foil from sticking in undesired areas.

Special Recommendations

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

- **Top Print 301-FB can be dry cleaned or ironed**
- **Use Retarder MG 1-5% to help with open time in the screen**
- **Use Thickener B .25-1% to help thicken the ink**