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WS0528 EasyPrint Mat 301

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Matte
- **Opacity/Viscosity** |
Med/Med
- **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** | 301 Series
- **Emulsion** | Direct or indirect
- **Mesh Count** | 86-225/inch
(34-89/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** | Milky
- **Substrate Type** | Cotton, and
Polyester with Sublimation
Blocker
- **Substrate Color(s)** | Light,
Medium and Dark Fabrics

Description

EasyPrint Mat 301 is a semi-opaque mixing base for “**Performance**” and high stretch fabrics with high mesh designs that can be mixed with “**Neo Pigments**” to achieve a soft hand feel and excellent elasticity. This product has a milky appearance.

Features

- Easy to mix and print
- Creates thousands of color shades by adding up to 15% Neo Pigments
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- Excellent elasticity, great on Dri-fit performance fabrics
- OEKO-TEX® Standard 100, CPSIA and HR4040 Compliant
- Is “**PVC Free**” and environmentally safe

Application

Print through fine screen mesh up to 225/inch (89/cm) when cured at 320°F (160°C), **EasyPrint Mat 301** produces the softest prints achievable in textile screen printing today.

Special Recommendations

EasyPrint Mat 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 **EasyPrint Mat 301** test positive for restricted PVC's.

- **Print with EasyPrint Mat 301 can be ironed**
- **Use Retarder MG 1-5% to help with open time in the screen**
- **Use Fixer WF-N 1-5% to help with wash fastness**
- **Use Softener MG 1-4% to help penetrate in to the garment**
- **Use Thickener B .25-1% to help thicken the ink**
- **Use RV Additive 1-3% to reduce viscosity**