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WS0529 EasyPrint White 301

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Matte
- **Opacity/Viscosity** | Excellent/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** | Excellent
- **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** | White
- **Substrate Type** | Cotton, and Polyester with sublimation Blocker
- **Substrate Color(s)** | Light, Medium and Dark Fabrics

Description

EasyPrint White 301 is a direct print and mixing white 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.

Features

- Easy to mix and print
- Can be used as a mixing white with Neo Pigments up to 15%
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- Excellent elasticity, great on Dri-fit performance fabrics
- Creates an opaque white print and superb softness
- 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 White 301** produces the softest prints achievable in textile screen printing today.

Special Recommendations

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

- **Print with EasyPrint White 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**