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

WS0502 Stretch White 301

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Matte
- **Opacity/Viscosity** | Excellent/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** | Excellent
- **Emulsion** | Direct or indirect
- **Mesh Count** | 86-160 mc in (34-63 mc 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
- **Substrate Color(s)** | Light, Medium and Dark Fabrics

Description

Stretch White 301 is a direct print and mixing white for **"Performance"** and high stretch fabrics that can be mixed with "**Neo Pigments**" to achieve an extremely 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 certified, CPSIA and HR4040 Compliant
- Is "**PVC Free**" and environmentally safe

Application

Print through fine screen mesh up to 160 mc in (63 mc cm) when cured at 320°F (160°C), **Stretch White 301** produces the softest prints achievable in textile screen printing today.

Special Recommendations

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

- **Stretch White 301 can be dry cleaned or 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**