

stretch clear 301



description

Stretch Clear 301 is a clear mixing base for “performance” and high stretch fabrics that can be mixed with Neo Pigments to achieve an extremely soft hand feel and excellent elasticity. This product has a translucent appearance.

features

- Easy to mix and print
- Creates thousands of colour 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
- Creates tone on tone look with superb softness
- OEKO-TEX® Standard 100 certified, CPSIA and HR4040 compliant
- **PVC Free** and environmentally safe

application

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

special recommendations

Stretch Clear 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 Clear 301 test positive for restricted PVC's.

- Stretch Clear 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 soften and penetrate in to the garment
- Use Thickener B .25%-1% to help thicken the ink
- Use RV Additive 1-3% to reduce viscosity

technical data

Wet Ink Tack	Low
After Flash Tack	Low
Printability	Excellent
Surface Appearance	Matte
Opacity / Viscosity	Low / Low
Bleed Resistance	None
Flash Temperature	71°C decreases with deposit thickness
Cure Temperature	160°C
Squeegee Hardness	Medium
Squeegee Blade	Sharp
Squeegee Angle	45° to screen
Squeegee Speed	Medium
Underlay	301 Series
Emulsion	Direct or indirect
Mesh Count	34-63 mc cm
Thinner	RV Additive
Thickener	Thickener B
Storage	18°C to 35°C Avoid direct sun
Cleanup	Water and mild soap or detergent
Colour Range	Clear
Substrate Type	Cotton
Substrate Colours	Light and medium fabrics