

# clear 301 C



## description

**Clear 301 C** is a high mesh mixing base for printing as a clear or mixing with Neo Pigments to achieve an extremely soft hand feel. This product has a translucent appearance.

## features

- Easy to mix and print
- Create thousands of colour shades by adding up to 15% Neo Pigments
- Prints through very high mesh counts for minimum ink usage
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- Creates a tone on tone look for superb softness
- OEKO-TEX® Standard 100 certified, CPSIA and HR4040 compliant
- **PVC Free** and environmentally safe

## application

Print through fine screen mesh up to 120 mc cm when cured at 160°C, **Clear 301 C** produces the softest prints achievable in textile screen printing today.

## special recommendations

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

- Clear 301 C 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	43-120 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