

neo pigments 301 eco series



description

Neo Pigments are 13 concentrated eco-friendly pigments that are base dependent and can be blended up to 15% in Matsui bases to create Pantone® colours.

- Neo Yellow M3G
- Neo Gold Yellow MFR
- Neo Orange MGD
- Neo Red MGD
- Neo Red MFB
- Neo Rose MB
- Neo Pink MB
- Neo Violet MFB
- Neo Navy Blue MB
- Neo Blue MB
- Neo Blue MG
- Neo Green MB
- Neo Black MK

features

- Easy to mix and print (high concentrate pigments)
- Create thousands of colour shades by mixing with Matsui bases
- Download Matsui CMS (Colour Matching Software) for Pantone® formulas - www.matsui-color.com/cms
- Prints through very high mesh counts for minimum ink usage
- OEKO-TEX® Standard 100 certified, CPSIA and HR4040 compliant
- Meets all RSL's (restricted substance list) for major brands
- Extremely soft hand feel that PVC inks cannot achieve
- Heat stable/resistance at 1% mix by volume
- **PVC Free** and environmentally safe

application

Print through fine screen mesh up to 120 mc cm can be cured up to 160°C depending on base and fixer used, **Neo Pigments** produces the softest prints achievable in textile screen printing today.

special recommendations

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

- Neo Pigments with base 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 Softner 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

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	up to 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	Multiple
Substrate Type	Multiple
Substrate Colours	Light, medium and dark fabrics