

# metallic binder 301



## description

**Metallic Binder 301** is a silver metallic base that can be used as a standalone shimmer or can be blended with Neo Pigments to create colours.

## features

- Easy to mix and print, does not tarnish after wash
- Create multiple colours when tinted up to 5% with Neo Pigments
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- OEKO-TEX® Standard 100 certified, CPSIA and HR4040 compliant
- **PVC Free** and environmentally safe

## application

Print through mesh up to 120 mc cm when cured at 160°C.

## special recommendations

**Metallic Binder 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 Metallic Binder 301 test positive for restricted PVC's.**

- Metallic Binder 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	n/a
Emulsion	Direct or indirect
Mesh Count	32-43 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	Silver
Substrate Type	All
Substrate Colours	Light, medium and dark fabrics