



GP6* Series Lamination Ink

【Product description】

GP6* series is an ester solvent based gravure lamination ink specially made for BOPP thin film for light packaging and lamination application. It is suitable for dry lamination, solvent less lamination and water based adhesive lamination. This product is easy to use, high quality and low residue solvent.

【Product feature】

- ❖ Ester solvent based ink
- ❖ Suitable for printing speed below 150m/min medium to low speed printing
- ❖ Suitable for dry lamination, solvent less lamination and water based adhesive lamination

【Printing substrates】

Surface treated OPP/Bopp thin film etc. (38 dyne or above)

【Application】

For dry food, cold dessert and fast food packaging

【Printing viscosity】

Printing viscosity recommendation:

Coloured – ZC#3 13-16 seconds

White – ZC#3 13-15 seconds

【Dilution】

Can adjust dilution ratio according to drying and printing speed requirement, the dilution ratio shown below for reference:

Drying speed Solvent	Fast	Medium	Slow
Ethyl acetate	70	-	-
n- propyl acetate	30	100	70
Butyl acetate	-	-	30

【Standard colour code】

GP6188 Black	GP6210 White	GP6321 Original yellow	GP4632 Golden red
GP6435 Permeable Magenta	GP6436 Original red	GP6551 Original blue	GP6632 green
GP6724 Orange	GP6843 Non permeable purple	GP6900 Varnish	

【Precautions】

- ❖ When using slow drying solvent, gold or silver ink or the printing image is in ribbon shape parallel to printing direction, blocking might occur, please adjust process parameters if required
- ❖ If gold and silver ink are used in water based adhesive lamination, please ensure ink surface tension meets lamination process requirement
- ❖ Please shake thoroughly before using the ink to ensure consistent flow
- ❖ When printing in humid weather and printing with a small printing cell, the ink might absorb water vapor and cause issues like fluctuation in viscosity, cell blocking, change in colour etc. To avoid these issues please use low drying speed solvent and increase drier's temperature
- ❖ Printing issues like re-dissolve, doctor blade streak, streaking could be caused by actual printing environment, viscosity, equipment, doctor blade angle, solvent and



more. Please adjust the above parameters before production, if you need help please contact us

- ❖ Please seal and store used ink well, it is recommended to blend used ink with new ink when printing
- ❖ It is recommended to finish the ink once it is opened, please finish it before expiry date
- ❖ This ink is not suitable for extrusion lamination, this is only for dry lamination

【Disclaimer】

This specification is in accordance with the actual production and test results, whether the product could meet your process requirements depends on application conditions and printed material. We recommend the users to assess if the product can meet all their requirements before production. Since we cannot predict or control your printing condition, the product performance cannot be guaranteed all sales are subjected to the standard terms and conditions of the sales control division.