



14 Series of Screen Printing Ink (High light and low odor PVC Ink)

【Printing materials】

- ❖ Soft and hard PVC plastics
- ❖ Man made leather, vinyl stickers.

【Physical characteristics】

- ❖ High gloss, fast drying and low odor.
- ❖ Bright color, clear tone and high light fastness
- ❖ It is equipped with conventional four-color ink 14A-900, which is suitable for printing light box cloth, PVC, coated paper and other substrates for outdoor advertisement that require 4 colours printing. It is also equipped with enhanced four-color ink 900/B series suitable for advert with lighting
- ❖ Surface dry: natural evaporation at room temperature (25 °C) , 10-20 min
Complete dry: natural evaporation at room temperature (25°C) , 1-2h

【Mesh count】

For Fine Printing, it is recommended to use 300-350 Mesh count screen, printing large area and need high hiding power, you can choose 200 Mesh screen.

【Diluent】

KTS-719 (fast drying), KTS-5000(medium dry), KTS-783(slow dry), recommended usage 10-15%

【Cleaning】

KTS-3000 washing solution can be used to clean the screen

【Print volume】

After proper dilution, the printing capacity can reach 25-35m² /kg with suitable screen.



【Color matching service】

Customers can provide printing samples or ink plate, and we can provide exclusive color matching service

【Colour code】

Serial Number	Hue	Environmental Grade	Serial Number	Hue	Environmental Grade
14-P100N	Pale Yellow	A	14-W100	White	A
14-Y100NT	Golden Yellow	A	14-195	Varnish	A
14-S100NT	Orange Red	A	14-M809	Silver Ink	D
14-R100	Big Red	A	14-GM903	Green Gold	D
14-R133	Vivid Red	A	14-GM905	Red Gold	D
14-M100	Roes	A	14A-M900/S	Four Color Red	A
14-PM100	Magenta	A	14A-M900/B	Four Color Red (Enhanced)	A
14-V100	Purple	A	14A-B900	Four Color Blue	A
14-UV100	Cyan	D	14A-Y900	Four Color Yellow	A
14-B100	Blue	A	14A-K900	Four Color Black	A
14-G100	Green	A	14A-E900	Four Color Varnish	A
14-K100	Black	A			

Diluent:KTS-719 (fast drying), KTS-5000(medium dry), KTS-783(slow dry), recommended addition 10-15%

【High temperature and light resistance】

P100NT, Y100NT and S100NT P100NT When P100NT, Y100NT, S100NT, R100and R133 are baked at high temperature above 100°C or exposed to sunlight for a long time, the color may change. For example, if the drying tunnel is used after printing, and the drying channel temperature exceeds 100°C or needs to be exposed, it is recommended to use P100NT/LF, Y100NT/LF, S100NT/LF, R100/LF, R133/LF instead of P100NT, Y100NT, S100NT, R100 and R133. The light fastness of 14-UA100 (cyan) is not ideal, replace cyan with blue if possible.



Serial Number	Hue	Environmental Grade	Serial Number	Hue	Environmental Grade
14-P100NT/LF	Light and Temperature Resistant Pale yellow	A	14- R100/LF	Light and Temperature Resistant Big Red	A
14-Y100NT/LF	Light and Temperature Resistant Golden Yellow	A	14- R133/LF	Light and Temperature Resistant Bright Red	A
14-S100NT/LF	Light and Temperature Resistant Golden Yellow	A			

【Environmental information】

According to SGS and CTI testing for many years, the base colors of this series (except 14-UA100 cyan, 14-M809 silver, 14-GM903 Green gold and 14-GM905 red gold) meet the environmental requirements of ROHS, EN71-3, ASTM-F963, HR4040 and other environmental protection requirements, meeting the "Bauhinia environmental protection A level", However, in order to ensure that the products are not contaminated during transportation, customers are advised to carry out relevant testing and performance testing before use, and then batch use them after confirmation.

【Precautions for storage and use】

The ink should be placed in a cool place. The ink can be stored for 24 months at room temperature at 25 °C. The gold and silver ink can be stored for 6 months. If the ink is more than 6 months, it is necessary to try printing and reconfirm the print quality. According to the standard HSE regulations, the use of this product should not be harmful to human body. However, like other general chemicals, the skin and eyes should also be avoided when using this product. If it is splashed, it should be washed with plenty of water and treated. See MSDS for details.

【Disclaimer】

The data shown in this document is based on actual production and test result generated within our company. Above data is only for reference and does not bear any legal guarantee responsibilities. Whether actual ink performance can meet user's requirement depends on application conditions and substrate etc. We suggest that users should access whether current production conditions meet the application requirement of each product before printing. Since we cannot control the actual application and storage conditions, we cannot guarantee the



final product performance. All product sales subject to our standard sales terms and conditions.