



## 64 Series Screen Printing Ink (Single Component Oxidized Metal Ink)

### 【Printing materials】

- ❖ Metal materials for display decoration or name plate, such as aluminum sheet and stainless steel
- ❖ Metal material with coating, such as back cover of various electrical appliances
- ❖ Partially coated tinplate

### 【Physical characteristics】

- ❖ Bright light, tough ink layer
- ❖ After complete drying, the ink layer is resistant to alcohol and vegetable oil, and also has satisfactory resistance to common ketone ether solvents and salt spray
- ❖ High ink body, suitable for word printing
- ❖ Due to the oxidation drying properties, there may be a thin film of dried peel on top of ink, remove before use.
- ❖ Suitable for thermosetting drying: baking temperature 120 ° C, drying time 15-20 min; temperature 80-90 ° C, drying time 25-30 min

### 【Hue Number】

Serial Number	Hue	Environmental Grade	Serial Number	Hue	Environmental Grade
64-P100N	Pale Yellow	A	64-V100	Purple	A
64-Y100NT	Golden Yellow	A	64-UA100	cyan	D
64-S100NT	Orange Red	A	64-B100	Blue	A
64-R100	Big Red	A	64-G100	Green	A
64-R133	Bright Red	A	64-K100	Black	A
64-M100	Roses	A	64-W100	White	A
64-PM100	Peach	A	64-195	Varnish (Tea)	A
		A	64-G809	Silver	D



### **【Diluent】**

KTS-8000(medium dry), the proportion of the general recommendation for 10-15%

### **【Purging】**

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

### **【Printing materials】**

Suitable for all kinds of screen and squeegee, 120-300 mesh count screen is recommended. If the letterpress printing is combined with 18-25u water film, the effect will be better.

### **【Environmental information】**

According to SGS and CTI testing for many years, the basic colors of this series (except 64-UA100 cyan, 64-M809 silver,) 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 corresponding environmental protection 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 brush quality. According to the standard health regulations and safety 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】**

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.