54 Series Silk Screen Printing Ink

【Product introduction】

It is mainly used in two-component screen printing and transfer ink in plastic, plastic mold and electronic industries.

【Printing materials】

- This ink is suitable for printing acetaldehyde glycol, melamine (bakelite), treated polyethylene, acrylic acid, cellulose, butyl acetate, rigid PVC, metal and glass.
- In some ABS electroplated surface or UV OPV surface also has good adhesion

【Ink characteristics】

- The ink film formed after printing has excellent adhesion, flexibility and resistance to hard objects.
- The hardness of the ink film after drying is enough to withstand vacuum or air blowing assisted molding, such as trimming die, plug, fold forming and pre expansion of plastic bubbles.
- Its physical and chemical properties make it very suitable for printed circuit board marking. It has excellent resistance to detergent, oil and hair spray.

【Hardener】

This series is a two-component ink, hardener number is 54-C191 and 54-C192, it is recommended to use it within 4-6 hours after adding curing agent. Its uses and characteristics are as follows:

Type of curing agent	Ratio of ink to hardener	Purpose
54-C192	19:1or 20:1	Printing glass, bakelite, ABS electroplated surface / UV surface
54-C191	4:1or 5:1	Printing metal, glass, circuit board

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【Drying and dilution】

Dilute with KTS-7000. The drying time of low temperature baking is longer, and the corresponding time can be shortened with the increase of baking temperature, the following data are provided for reference:

Printing materials	Oven temperature	Baking time
metal, circuit board, glass, bakelite	60-80℃	60-120min
electroplated surface / UV surface	50℃	30-60min

【Printing volume】

Each kilogram of ink should be able to print 17-20 square meters

【cleaning】

KTS-3000 cleaning solution can be used to clean screen plate and scraping glue.

【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.