



UNION INKS

Product Information

UNI-PP SCREEN INKS

59-00 SERIES

TIL NO: 506B

PROPERTIES

Fast drying, glossy, high visual impact ink specifically designed for screen-printing onto untreated rigid polypropylene.

- Easy printability
- Good light fastness (blue wool scale 7 - 8)
- Tough, resilient and mar resistant dry film
- Low odour
- Flexible and alcohol resistance

APPLICATIONS

This ink series is particularly intended for screen-printing onto untreated rigid polypropylene. It exhibits good adhesion and dries to a tough and resilient scuff-free film.

SCREENS

Stencils must be solvent resistant. For fine details use 120 threads/cm fabrics, while 77 threads/cm fabrics are recommended for large areas or where higher opacity is demanded.

For screen wash-up, use Screenwash 99-SW113.

THINNING

- Fast Reducer: 59-T102
- Normal Reducer: 59-T104
- Slow Retarded: 59-T106

Thinning ratio varies depending on printing and drying conditions from 10 to 20% maximum.

PRINTING

Prior to use ink must be thoroughly stirred and thinned according to printing parameters. Printing should be off contact with well-sharpened polyurethane squeegee of average shore hardness of 70-75 shore. Soon after use clean the screen and other equipment with proper solvents.

DRYING

The ink dries rapidly by evaporation of solvents. The tack free time at room temperature is approximately 10 - 15 minutes. In jet dryers at temperature of 40 - 50⁰ C, drying time is considerably reduced to about 20 - 30 seconds.

PRODUCT RANGE

The standard basic shades are in the UNION INKS screen ink colour guide.

- Trichromatic colours (Y500, M500, B500 & K500) for process colour printing.
- 59-185 Extender medium to reduce unit cost of the ink.
- 59-187 Gel medium to lower shade intensity without affecting ink original physical properties.
- 59-195 Transparent medium to modify the properties of pigmented ink or as an overprint varnish.
- 59-D100 Base medium for the preparation of metallic ink.

The basic ink shades are: -

Code Number	Colour
59-P114	N. T. Yellow
59-S123	N. T. Orange
59-R100	Red
59-M100	Magenta
59-V100	Violet
59-B100	Blue
59-G100	Green
59-K100	Black
59-W100	White

PRECAUTIONS FOR USE AND STORAGE

This material is not hazardous when used with a reasonable standard of hygiene and safe working practice. However, as with all chemicals, skin contact should be avoided and any contamination must be washed with plenty of water. In case of eye contamination, irrigate with plenty of water and seek medical advice. Store product in a cool place and shelf life is about 12 months at 25 degrees C.

WARNING

This information is given in good faith, but without any guarantee as the printing conditions of our inks are beyond our control. In the event of complaints, the ink supplier may replace free of charge the unused ink, declining any other responsibilities.