



UNION INKS

Product Information

UNISTYRENE SCREEN INKS

25-00 SERIES

TIL NO : 401

PROPERTIES

Fast drying ink with a high gloss finish ideal for display and packaging purposes.

- easy printability
- good lightfastness (blue wool scale 7 - 8)
- tough, resilient and mar resistant dry film
- low odour

APPLICATIONS

Screen printing of rigid or self-adhesive flexible PVC, polystyrene sheets and containers, polycarbonates and methacrylates.

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: 25-T102
- Normal Reducer: 25-T104
- Slow Retarder: 25-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 equipments 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.

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PRODUCT RANGE

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

- trichromatic colours for process colour printing.
- 25-185 Extender medium to reduce unit cost of the ink.
- 25-186 Gel medium to lower shade intensity without affecting ink original physical properties.
- 25-195 Transparent medium to modify the properties of pigmented ink or as an overprint varnish.
- 25-D100 Base medium for the preparation of metallic ink.

The basic ink shades are :-

CODE	COLOURS
25-P100	Primrose Yellow
25-Y100	Golden Yellow
25-S100	Scarlet
25-R100	Red
25-M100	Magenta
25-V100	Violet
25-B100	Blue
25-G100	Green
25-K100	Black
25-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

These information are 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.