



UNION INKS

Product Information

UNI-SR SCREEN INKS

32-00 SERIES

TIL NO: 110

PROPERTIES

Highly flexible, fast drying, metallic ink specifically formulated for screen-printing lottery tickets and cards. In this case, as the ink film is elastic when dry. It can be easily removed with a coin edge or similar and leaves no ink residue.

APPLICATIONS

Uni-SR ink is intended for use over a sealing varnish or laminated card, which covers lottery numbers and may be overprinted with other screen ink for more complex designs.

It can be also printed on balloons and rubber products such as slippers, mudguards, etc.

SCREENS

Stencils must be solvent resistant. For fine details use 120 threads/cm fabrics, while 49 - 77 threads/cm fabrics are recommended for large areas or where higher opacity is demanded.

For screen wash-up, use Screenwash 32-T100.

THINNING

- Fast Reducer: 32-T102
- Normal Reducer: 32-T104
- Slow Retarder: 32-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 A. 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.

PRODUCT RANGE

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

- trichromatic colours for process colour printing.
- 32-185 Extender mediums to reduce unit cost of the ink.
- 32-186 Gel mediums to lower shade intensity without affecting ink original physical properties.
- 32-D100 Base mediums for the preparation of metallic ink.
- 32-M902 Silver for lottery tickets

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The basic ink shades are: -

CODE	COLOURS
32-P114	N. T. Yellow
32-S123	N. T. Orange
32-R100	Red
32-M100	Magenta
32-V100	Violet
32-B100	Blue
32-G100	Green
32-K100	Black
32-W100	White
32-M902	Silver
32-M903	Rich Gold
32-M905	Pale Gold

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.