



SERIES 7400 ULTRA PRINT (74-000)

PRODUCT DESCRIPTION

Series 7400 ink is a UV curable screen printing ink specifically formulated for point of purchase applications. It offers opacity and high gloss while maintaining quick cure rates and excellent intercoat adhesion qualities. Series 7400 also has excellent non-blocking properties, and will not chip during die cutting.

RECOMMENDED SUBSTRATES

Series 7400 produces dynamic graphics on Coated and Uncoated Paper, Card Stocks, Vinyls, Polystyrene, and ABS.

PHYSICAL PROPERTIES

Solids:	100%
Weight/U.S. Gallon:	9.0 lbs
Viscosity:	4000-8000 cps at 25°C
Flash Point:	Greater than 200°F (93°C)
Shelf Life:	6 months at 77°F

DIRECTIONS FOR USE

Pretest for adhesion to all substrates prior to production printing, as well as, other properties to determine suitability. Mix well prior to each use.

Surface - A clean dry surface is preferred for superior adhesion.

Mesh - Monofilament polyester or nylon, 350-390 mesh per inch recommended. Acceptable 305-420 mesh per inch. (Open area should not exceed 30%).

Stencil - Lacquer proof, most direct or direct/indirect work well.

Squeegee - An 80 durometer (Shore A Hardness) polyurethane is recommended. It should be well sharpened.

Screen Wash Up - A special high flash point wash containing no hydrocarbon solvents should be used, such as KOLORCURE'S UVW-80 Screen Wash.

Screening equipment - Hand, semi-automatic, or fully automatic presses.

ADDITIVES

To lower the viscosity which will enhance the transfer of the ink through the screen, use Thinner #1 (Diluent).

To increase curing speeds add Activator #7 (Sensitizer).

To eliminate bubbles resulting from the screening process, add Anti-Bubble #2.

To eliminate "fish eyes" in the wet ink film add Flow Promoter.

Use 74-100 Mixing Base as an extender to enhance cure and adhesion to substrate.

Use 74-400 H/T Mixing Base as an extender to reduce color strength of Process colors and to increase the viscosity of standard colors for fine line copy.

Thickening Powder can be used when color strength can not be altered.

Flattening Powder is available to reduce gloss.

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