



Product Data Sheet

650 UV ROTARY SCREEN INK SERIES

General Information

This revolutionary new product has been designed specifically for use in combination printing as a basecoat white. Its unique chemistry eliminates the need to add adhesion modifiers to the flexo and/or letterpress inks printed over top and simplifies the combination printing process. 650 white is an optically bright white, which delivers improved productivity and ease of use while maintaining high standards for image quality. It works well with all Gallus, Stork and Telstar screen units. It is not recommended for use as a tinting white in color matches. For best results, contamination from other silicone- containing products should be avoided.

Key Features

- Ultra low viscosity range: 700-900 cP
- Flexible, high-gloss finish
- Intense color strength
- Fast cure speeds
- High chemical and solvent resistance
- Excellent opacity
- Low odor
- Minimal substrate edge curl
- Wide adhesion range

Color Range

A complete range of Pantone® Formula Guide basic colors and pastel colors available.

Mesh

Rotary Screen: 5 to 15 micron rotary screens are recommended. Flat Screen applications use 305-420T (120- 165/cm) monofilament or equivalent.

Stencils

Stencil materials must be solvent resistant and produce a thin film stencil (3-6 microns over mesh). Dirasol 911, SuperCoat 915, SuperCoat 916, and SuperCoat 917 dual cure, or Dirasol 132 one pot direct emulsions are recommended to give the highest print quality, minimize deposit variables, and improve economy.

Coverage

Standard line colors should give a coverage of 3000-3800 square feet/gallon (74-86 m_/liter) provided the ink deposit is between .50 and .70 mil. thick (12 and 18 microns).

Safety and Handling

Refer to SDS for safety, handling and disposal information.