

Series 650-UL00/00

UV Luminescent Ink, White

In general, luminescence is the phenomenon in which luminescent material absorbs a form of energy and emits it as electromagnetic radiation. This emitted electromagnetic radiation is mostly in the visible colour spectrum of light and appears to us as a «cold glow».

UV luminescence in particular describes the glowing of materials through exposure to wavelengths of a different frequency than daylight (mainly ultraviolet or so-called black light, 365 nm). Specifically, colourless ink layers are present that show a clear colour change when irradiated with UV-A light (especially 365 nm).

Series 650-UL00/00 is a white, opaque screen printing ink for printing on plastics and metals that glows white under UV light (365 nm).

Specifications

Retarder	Series 600-018
Addition ratio	5-15 % by weight (if required)
Thinner	Series 600-017
Addition ratio	10-20 % by weight (if required)
Hardener	Series 600-HDA
Addition ratio	5:1
Cleaner	Series 600-URS
Application	Screen printing
Mesh	77.55 to 120.34
Curing	Continuous dryer, IR emitter
Substrates	See Technical Data Sheet Series 650
Indoor / outdoor use	Indoor
Further processing	Punching, embossing, cutting
Overprintable	Yes
Available quantities	1 kg, 5 kg, 25kg
Shelf life	24 months
Others	Please stir before use.

Important information: Our technical advice whether spoken, written, or through test trials corresponds to our current knowledge to inform about our products and their use. This is not meant as an assurance for certain properties of the products nor their suitability for each application. You are, therefore, obliged to conduct your own tests with our supplied products to confirm their suitability for the desired process or purpose. The selection and testing of the ink for specific applications is exclusively your responsibility. Should, however, any liability claims arise, such claims shall be limited to the value of the goods delivered by us and utilized by you with respect to any and all damages not caused intentionally or by gross negligence (T30 / 04/2021).