

The **Universal PLUS** is a digital ink system that provides a robust color gamut. The ink was formulated to provide optimal adhesion to wide range of rigid materials including coroplast, high-impact polystyrene (HIPS) and acrylic. The ink incorporates a unique cure package to enable it to achieve excellent cure under both Mercury Vapor and LED lamps for multi-pass digital printers.

The **Universal PLUS** ink was designed to improve efficiency and reduce operating and inventory expenses by allowing printers to incorporate a single ink system regardless of UV or LED curing technology.

Performance Properties

- Low Cost, All Purpose
- Excellent Adhesion
- Dual Cure
- Outstanding Scratch Resistance (cross-hatch tape test standard)

Curing

Mercury Vapor
LED 395 nM(8 watt minimum)

Known Compatible Presses

- Kyocera
- Ricoh Gen 4
- Ricoh Gen 5

Recommended Substrates

- Polystyrene (including HIPS)
- Coroplast
- Acrylic
- Coated Cardstock
- Polycarbonate
- PVC
- PETG

Lightfastness

The Universal ink system has undergone simulated weather/lightfast testing in a Xenon Arc unit(ASTM-3424-11 Method 4). The inks are expected to reasonably last outdoors for 1 year; this can be extended with an application of Solarshield Clear. Please keep in mind that accelerated machine weatherings are reference standards and cannot precisely reproduce actual outdoor performance.

Complementary Products

21476 Special UV RC LXII Clear

Storage

Care should be taken to store ink in tightly closed containers located in a cool dark place at ambient temperatures. With suitable conditions, unopened ink is expected to have a shelf life of approximately twelve (12) months.

Precautions

Read the Safety Data Sheet (SDS) prior to processing. It contains instructions for precautions to be taken when handling inks. If ink comes in contact with skin wipe ink off with a clean, dry cloth. DO NOT USE SOLVENT. Wash and rinse the affected areas with soap and water.

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