

Universal is a highly flexible digital ink system with a robust color gamut (approximately 15% larger than GRACoL). The ink provides excellent adhesion to a wide range of flexible and multiple rigid materials. The unique cure package incorporated in the system enables it to achieve optimal cure under both Mercury Vapor and LED lamps for multi-pass digital printers.

Universal ink was designed to improve efficiency and reduce operating and inventory expenses by allowing printers to incorporate a single ink system in multiple roll-to-roll and hybrid digital platforms.

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

- Styrene
- Coated Cardstock
- Polycarbonate
- PVC
- Pressure Sensitive Vinyl
- Vinyl Banner

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 1year; this can be extended with an application of Solarshield Clear. Please keep in mind that accelerated machine weathering's are reference standards and cannot precisely reproduce actual outdoor performance.

Complementary Products

21476 rigid stocks
23505 vinyl stocks

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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