

The OCR UV digital ink series was formulated to provide outstanding adhesion to an extremely broad range of commonly used rigid and flexible print media. OCR also provides exceptional chemical resistance to ketones, gasoline, and alcohol-based cleaners. OCR also provides superior water resistance including long-term water immersion. OCR's unique combination of its broad adhesion range and chemical resistance properties make it the best ink for hybrid equipment and customers seeking a single ink capable of printing virtually any job on any substrate.

The OCR UV digital ink series is formulated and qualified for use with Ricoh Gen 4/Gen 5 and Kyocera printheads. OCR is formulated with our proprietary cure system for both mercury vapor and LED cure systems.

#### Key performance properties include:

- Excellent adhesion characteristics
- Demonstrates chemical resistance (50 rubs) to acetone, isopropyl alcohol (99 & 70%), brake oil, Windex, and Gasoline (3- hour soak)
- Water and moisture resistant
- Extremely wide color gamut to match most corporate I.D./brand colors

#### Performance Properties

- Vibrant colors (CMYK and white), additional colors upon request
- Dual Cure (Mercury Vapor & LED)

#### Curing

- Mercury Vapor (H and D)
- LED 395 nM (8+ watt minimum)

#### Known Compatible Heads

- Ricoh Gen 4
- Ricoh Gen 5
- Kyocera
- Others, as requested

#### Lightfastness

The OCR ink system is currently undergoing simulated weather/lightfast testing in a Xenon Arc unit (ASTM-3424-11 Method 4). Accelerated weathering is a reference standard only and cannot precisely predict actual outdoor performance

#### Recommended Substrates

- Polycarbonate
- Polyester
- Styrene
- HDPE
- Vinyl Banner
- Polyethylene Banner
- Corrugated Polypropylene\*
- Cardstock
- Powder Coated Paint\*

*\*minimum dyne level of 42; pretest recommended*

#### 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.

#### A. Warranty Liability Limited to Purchase and Installation Costs

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