

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 fluid, Windex, and Gasoline (three-hour immersion)**
- **Water and moisture resistant**
- **Extremely wide color gamut to match most corporate I.D./brand colors**

Performance Properties

- Vibrant colors
- Excellent adhesion
- Dual Cure (Mercury Vapor & LED)
- Outstanding scratch resistant
- Water/Moisture Resistant
- Chemical Resistant

Curing

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

Known Compatible Heads

- Ricoh Gen 4
- Ricoh Gen 5
- Kyocera

Lightfastness

The **OCR UV digital ink series** is formulated with the most durable pigments and 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 Metal*

* - 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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