

VJ2 is a digital ink series designed to meet the rigorous requirements of the industrial print market, including fleet graphics. VJ2, when optimally printed, will hold up to common household cleaning agents as well as water immersion with 100% elongation to go over rivets. VJ2 was designed to work with Ricoh Gen 4 and Gen5 printheads and is available for Kyocera as well. VJ2 also incorporates our proprietary cure system that enables it to cure under both mercury vapor and LED cure systems.

Key performance properties include:

- Excellent adhesion characteristics
- Demonstrates chemical resistance (50 rubs) to common household cleaners including isopropyl alcohol (99 & 70%) and Windex
- Water and moisture resistant
- Extremely wide color gamut to match most corporate I.D./brand colors
- High Elongation for the fleet graphics market

Ink Properties

- Colors; CMYK and White
- 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 VJ2 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
- Long Term Decal
- Vinyl Banner
- Polyethylene Banner
- PVC
- Static Cling

**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.

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