



SKYJET DIGITAL

SKYJET Series is a **non-hazardous** Solvent hybrid digital ink system. This series exhibits outstanding adhesion to the widest variety of common POP and banner substrates. When properly cured, **SKYJET** has excellent water and moisture resistance. This unique series is designed for interior or exterior applications. **SKYJET** can also be used on wide variety of rigid media as well. **SKYJET's** performance characteristics are especially well suited for use on all the materials currently being used in the banner & billboard market. **SKYJET** also exhibits excellent head stability and open time.

Performance Properties

- Excellent chemical, water / moisture resistance
- Flexible for multi-layer applications/die-cutting
- Heavy metal free
- Elevated color strengths for backlit applications
- Ideal for Billboard applications
- Clean, strong, vivid colors offer a Spectacular color array
- **SKYJET** is available for a wide variety of equipment. Please consult with a Polymeric representative regarding the product that best suits your needs.

Curing / Processing Guidelines

SKYJET has excellent drying speeds. The **SKYJET** inks system will not distort or waffle flexible media once cured. **SKYJET** has been specifically engineered to replace existing solvent based ink systems. Once dry **SKYJET** exhibits a very vibrant, high gloss, scratch resistant finish. It is recommended that **SKYJET** be gently mixed prior to pouring into press.

Care should be taken to store ink in tightly closed containers located in a cool (60 - 80°F / 15 - 27°C) dark place. With suitable conditions, unopened ink is expected to have a shelf life of approximately twelve (12) months from date of manufacture.

Applications

SKYJET is available for use on a wide variety of press and head types. **SKYJET** is ideal for both flatbed and roll-to-roll equipment. Custom formulations and spot colors are available upon request. Please call today for additional information.

Recommended Substrates

- Polystyrene
- PETG
- Polycarbonate
- High Impact Polystyrene (HIPS)
- PVC
- Bill Board materials
- Vinyl Banner
- Wall covering
- Pressure Sensitive Vinyl
- Coated Cardstocks

Lightfastness

SKYJET uses only the highest grade of pigments available today. **SKYJET's** exterior durability is largely dependant on the amount of ink deposited, which is directly related to the head type and nozzle size. When used at 100% strength, **SKYJET's** estimated exterior durability is up to three years. A **SKYJET** high performance clear is available for applications where extended durability is required. Please call for additional information.

Storage

Read the material safety data sheet 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 area with soap and water.

NOTE: Due to **SKYJET's** non-hazardous flammability rating it does not require any specialty storage requirements such as explosion proof rooms or cabinets. **SKYJET** can also be shipped anywhere in the world as a non-hazardous material

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