



# POP DC Gen5 Series

*UV Digital Multipurpose  
For Ricoh Gen5 Head Technology*

Prestige DC is an extremely durable, UV curable digital printing ink specifically formulated for Point of Purchase and Point of Sale applications on wide range of plastics. This unique system is capable of curing under both standard Mercury Vapor as well as LED conditions. With exceptional adhesion characteristics, post print finishing operations such as die-cutting, CNC routing and guillotine trimming can be performed with no edge chipping or loss of ink adhesion to the material. The distinctive characteristics of the Prestige Series allows for both chemical and water resistance properties on coroplast, styrene and vinyl materials. This system is made with automotive grade pigments for excellent lightfast properties.

## Performance Properties

- LED/Mercury Vapor Curable
- Water Resistant
- Resistant to isopropanol (99%), Windex
- High Opacity White
- Brilliant Color Array
- Manufactured for both flat bed and roll presses using the Ricoh Gen 5 head array

## Recommended Substrates

- Coroplast
- HIPS
- PETG
- Polycarbonate
- Expanded PVC
- Vinyl Banner
- Pressure Sensitive Vinyl

## Curing/Processing Guidelines

Ink will cure well when utilizing an optimal cure window of minimum 135 mJ/1.285 W/cm<sup>2</sup>. Pretesting is encouraged on all substrates to find the minimum cure rate needed for individual stocks. This should provide thorough cure of the product.

## Color Availability

- 24270 PS-DC/G5 POP Yellow
- 24271 PS-DC/G5 POP Magenta
- 24272 PS-DC/G5 POP Cyan
- 24273 PS-DC/G5 POP Black
- 24274 PS-DC/G5 POP Light Magenta
- 24275 PS-DC/G5 POP Light Cyan
- 24276 PS-DC/G5 POP White

## Light Fastness

Exterior durability is shown as having no visual deterioration of the printed image when viewed from its intended viewing distance. Outdoor durability ink is well designed to endure outdoor exposure for two (2) – three (3) years.

Accelerated machine weathering's are reference standards and can not precisely reproduce actual outdoor performance. Based on prior correlation of accelerated testing versus real time exposure, 500 hours is equated to approximately one year, 45° south Florida.

## Storage

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, six (6) months for white inks.

## Precautions

Read the 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 off with a clean, dry cloth (do not use solvent). Wash and rinse the affected areas with soap and water.

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