



# TRUeco emerald E12 series ink

1L BOTTLES



T E C H N I C A L   D A T A   S H E E T

## PRODUCT OVERVIEW

Emerald E12 is a premium, Environment Responsible Product (ERP) ink available in one litre bottles. This product has been designed for optimum use in Epson™ DX4 and DX5 print heads, as used in printers such as Mimaki JV5 and Roland RS640. The Emerald E12 offers a greener solution for those who are committed to preserving the environment, as the volatile vapours emanating from this ink formulation are not classified as hazardous air polluting substances.

This ink offers the highest level of press stability, ensuring uninterrupted printing for extended periods with very low maintenance requirements thereby increasing productivity. Emerald E12 ink provides excellent media compatibility across a broad range of self-adhesive and flexible substrates. This is due mainly to the ink chemistry, which consistently controls the placement of the drop on the media, thereby creating repeatable images from one substrate to the next.

The Emerald E12 series ink is particularly suited to images requiring photorealistic finishes, as the images will have minimal satellite formations even at higher carriage speeds. The ink conversions from the original Eco/HS inks are quick and seamless with no flushing required in the change procedure. Only the most robust pigment chemistries are used to formulate the Emerald E12 series ink, thereby ensuring the best possible outdoor durability together with an extended colour gamut. Emerald E12 combines the best possible image quality with the most reliable and consistent printing, roll after roll.

### LIGHT FASTNESS

The Emerald E12 series ink is designed using the highest quality raw materials and process methods. Provided the inks are used in regular applications, using suitable substrates, the printed images will not fade unduly for at least two years.

NUTec inks are tested for light fastness according to the ISO 11341 specification, using Avery 1005 self-adhesive cast vinyl substrate.

### SHELF LIFE

The Sapphire E12 series ink has a shelf life of 18 months.

### PRINT HEAD COMPATIBILITY

The Emerald E12 series ink is designed for printers using the Epson™ DX4 and DX5 print head technologies, as used in the Mimaki JV5 and Roland RS640 printers. For more information regarding print head compatibility and conversion guidelines, please contact [support@nutecdigital.com](mailto:support@nutecdigital.com)



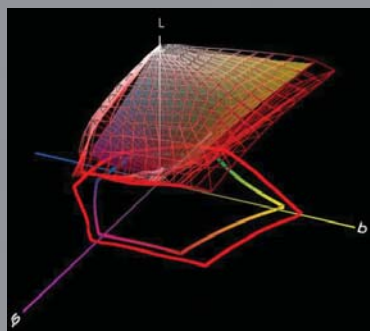


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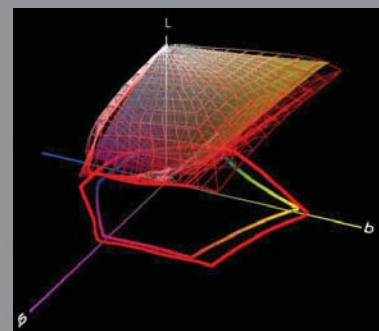
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TECHNICAL DATA SHEET

## COLOUR GAMUT MAP



SWOP VS EMERALD E12  
— EMERALD E12 SERIES  
— SWOP



FOGRA VS EMERALD E12  
— EMERALD E12 SERIES  
— FOGRA

## SHIPPING AND STORAGE INFORMATION

Storage & transit temperatures	- +5°C to 35°C
Classification	- Non-hazardous cargo
Flammability	- Not classified as flammable

## OPERATING SPECIFICATIONS

Temperature	- 18°C to 28°C
Relative Humidity	- 30% to 80% Non-condensing

## ORDERING INFORMATION

PRODUCT DESCRIPTION	PART NUMBER
NUtec Emerald E12 Cyan 1L	F631.1001
NUtec Emerald E12 Magenta 1L	F631.1002
NUtec Emerald E12 Yellow 1L	F631.1003
NUtec Emerald E12 Black 1L	F631.1004
NUtec Emerald E12 Cyan - Light 1L	F631.1005
NUtec Emerald E12 Magenta - Light 1L	F631.1006
NUtec Emerald E12 Yellow-R 1L	F631.1006
NUtec Emerald EF Flushing Fluid 1L	F611.1003
NUtec Maintenance Supply Pack	Y841.1006

