



RealColor® UV Inks

A Division of Sun Chemical

TECHNICAL INFORMATION

RealColor UV Commercial Inks provide proven web curing technology to narrow web presses fitted with UV curing units. The robust and economical UV ink formulations are designed to increase the value added to the UV printing process in demanding commercial production environments.

US Ink’s RealColor UV Commercial colors and black inks are specifically formulated to give excellent print quality on a wide variety of absorbent and non absorbent web substrates. This is a direct result of both ideal transfer and exceptional lithographic properties. Along with optimal cure response for increased web printing speeds and superior resistance to scuff after passing through a UV drier unit, RealColor UV Commercial process Colors provide the ideal process partnership to add significant value to the plant’s output.

Unique Features:

- Optimal body designed for open fountain press configurations
- Excellent transfer
- Lower water up-take for fast clean-up and long run stability
- Balanced, clean bold colors that conform to ISO 2846-1 Color and Transparency
- Clear, sharp halftones
- Maximum cure rate
- Excellent slip and scuff resistance for post-press handling
- Good fountain and roller stability
- Full fountain solution and press wash support supplied by Rycoline technical team

Product Description:

Product Ref#	Description
US09-4474	RealColor UV Process Cyan
US09-4475	RealColor UV Process Magenta
US09-4476	RealColor UV Process Yellow
US09-4477	RealColor UV Black

Recommended Chemistries and Consumables Support:

US Ink's RealColor UV Commercial inks are compatible with a wide range of press consumables. The recommended Main Edition™ 51 one step fountain solution is fully supported by the Rycoline technical team to help printers optimize print efficiency. In addition, Rycoline offers a SUNCURE™ EC Low VOC Wash for all UV blanket and roller clean-up needs.

For optimal press performance and run stability, the US Ink technical support team recommends setting fountain solution pan temperature to 63 degrees F. Roller train temperatures should be held between 78-80 degrees F.

Storage Considerations:

Ultra-Violet (UV) energy curing inks and coatings should be stored in closed containers and not exposed to sunlight. Avoid cross contamination with unknown particles, solvents or other printing ink chemistries. Rotate stocks to ensure freshness of product. A six month shelf life is guaranteed.

All information on this data sheet is based on US Ink laboratory tests and experience in print shops. Procedures and directions for use of US Ink products [including printing and after-treatment] must be considered as recommendations only, with no warranties expressed or implied. The user of the products described herein is solely responsible for determining suitability of any US Ink product for the particular application. US Ink recommends that all products be pre-tested prior to full scale production use. This data sheet supersedes all previous publications. March 2011.