

Duracure™ UV 7800 Ink Series

Scratch-resistant inks for non-porous substrates in commercial and packaging printing

Duracure™ UV 7800 Ink Series utilizes state-of-the-art resin and photoinitiator chemistries to provide excellent press performance and adhesion on a variety of synthetic substrates used in sheetfed, web, letter-press and roll label UV printing. These include PVC, PET, Polystyrene, Polycarbonate, Polypropylene, Polyethylene and other synthetic blends.

Advantages of Duracure™ UV 7800 Inks

- Low dot gain
- Excellent ink/water balance
- Very balanced process set (TVI)
- Roller and blanket compatibility
- Low odor
- UV and aqueous coatable*
- No VOCs
- Excellent scratch resistance
- Excellent tape adhesion
- Sharp print quality
- Fast curing speed
- Excellent press stability
- Suitable for direct finishing

*It is recommended to test coating over the ink prior to use. If you have any questions, please contact your local Flint Group representative for recommendations.

Duracure™ UV 7800 Ink Series

Duracure™ UV 7800 Process Colors

Color	Light fastness 100% Strength*	100% Strength 10% Tint*	Alkali**	Alcohol*	Nitro (solvents)**
Black	8	7	5	5	5
Cyan	8	7-8	5	5	5
Magenta	5	4	2	3-4	5
Yellow	5	4-5	5	3-4	5
Lightfast Magenta	7-8	7	5	5	5
Lightfast Yellow	7-8	6-7	3-4	5	5

Color properties complying with ISO 2846-1
(*Blue Wool scale, 1=minimum, 8=maximum)
(**Resistance properties in accordance with the
Grey scale according to ISO 105-A03 or ISO
105-A02 1 = poor, 5 = very good)

Blending base series available.

Substrates

Film/Synthetic/Foil

Fountain solution

All quality fountain solutions can be used. The Duracure™ UV 7800 Ink Series is recommended for printing with and without alcohol.

Rollers/blankets

The Duracure™ UV 7800 inks have been formulated to exclude materials known to cause swelling or degradation of EPDM and NBR type rollers. In general, UV curable inks and the special cleaning fluids can, to a certain extent, cause swelling or shrinking of rubbers. Rubber types like EPDM, butyl nitrile or vinyl nitrile are recommended.

Additives

Consult your local Flint Group representative.

More products. Streamlined access. Greater results.

Flint Group's Print Media division offers a uniquely powerful combination of products, services and expertise, giving you access to the industry's broadest range of pressroom products.

Inks & Coatings. Pressroom Chemicals. Blankets. Sleeves. Consumables.

Rely on us for consistency, reliability and customer focus. Our aim is to make it easier for you to achieve your business goals. With Flint Group products in your pressroom, you can run your business with confidence and peace of mind.

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