

INXCure™ UVXcel OSF GII EU Process Inks

UV Curable Lithographic SF System

INXCure™ UVXcel OSF GII EU Process Inks is a new generation of UV curable inks. They are suitable for high-end sheetfed applications. They have been formulated for exceptional performance.

Product Features

- Suitable for litho sheetfed printing systems and letterpress
- Formulated to be Benzophenone, ITX, MMMP¹, 369 and EDB free
- Improved water window allowing for lower water settings
- Good cure response
- Stepped tack sequence for wet trapping
- Outstanding rub properties
- Excellent press stability and color balance
- Print on a wide variety of coated and uncoated paper stocks, coated board stocks, foil stocks and metalized paper and some plastics ²
- Foil stampable and laser imprintable³
- Compatible with a variety of fountain solutions
- Low misting

¹ Commonly known as BASF Irgacure® 907

² Adhesion should always be checked prior to use

³ Stampability and imprintability should always be checked prior to use

CAUTION:

- Due to their unique formulation, these inks are only compatible with themselves. They should not be mixed with any other product lines.

Process Inks

Black	1603340
Cyan	1603341
Magenta	1603362
Yellow	1603363
FR Magenta	1615900
FR Yellow	1615901

Tack Range

160-280 @ 100 m/min⁴

⁴Tacks may vary depending on the equipment used

INFORMATION IN THIS DOCUMENT IS BASED IN OUR CURRENT KNOWLEDGE. USER SHOULD UNDERTAKE SUFFICIENT TESTING IN ORDER TO VERIFY SUITABILITY OF THE PRODUCT FOR THE DIFFERENT APPLICATIONS AND CONDITIONS. ANY CHANGE IN CONDITIONS OR FINAL USE SHOULD BE TAKEN ACCOUNT

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Typical Viscosity range

100 - 250 poise @ 2500 sec.⁻¹

Cure Speed

Adequate UV curing is required for this system. Cure speeds will be dependent upon film thickness, substrates and the type/condition of the UV curing equipment

Fastness properties

	Lightfastness	Bleed resistance			
	Blue wool	Acid	Alkali	Ethanol	Soap
1603340 Process Black	8	5	5	5	5
1603341 Process Cyan/Azul	8	5	5	5	5
1603362 Process Magenta	4-5	2-3	2	4	2
1603363 Process Yellow	4	5	5	4	5
1615900 FR Process Magenta	6-7	5	5	5	5
1615901 FR Process Yellow	6-7	5	2-3	3-4	5

Note: This information is based on that provided by pigment suppliers
 These are guidelines only and not intended to replace actual testing
 Lightfastness values follow blue wool scale (1-8). These values refer to a solid tone printing. Lightfastness decreases when colours are intermixed
 Other values go from 1 (poor) to 5 (excellent)

Storage and Shelf Life

- Containers should be resealed promptly after use
- Prolonged exposure to sunlight should be avoided
- For maximum shelf life (12 months from date of manufacture), closed containers should not be stored at temperatures in excess of 25°C.
- Surplus ink from press fountain should never be returned to original containers

For more information contact our technical department:

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