

INXCure™ LW OSF Process Inks

INXCure™ LW (Long Wavelength) OSF Process Inks are a set of 100% reactive UV inks that cure using latest UV lamp technologies. This would include LED (Light Emitting Diode) bulbs and the new iron-doped additive lamps being offered by the top press manufactures:

LE-UV from Heidelberg

HR-UV from KBA

H-UV from Komori

LEC-UV from Manroland

They are suitable for high-end sheetfed applications

Product Features

- Cures using various types of additive and longer wavelength types of UV and LED technology
- Excellent cure response to print at maximum press speeds
- Good rub and abrasion resistance
- Stepped tack sequence to allow for wet trapping
- Responsive density control with wide water window
- Comes quickly to color after shutdowns
- Print on a wide variety of coated and uncoated paper stocks, coated board stocks, foil stocks and metalized paper¹
- Compatible with a variety of fountain solutions
- Formulated to be Benzophenone, EPD, ITX and 907 free
- May be coated with Aqueous or LE, LED or H-UV coating and overprint varnishes inline.
- INXCure™ LW Base colors are available for color matching purposes

¹ Adhesion should always be checked prior to use

Product Notes

- Due to their unique formulation these inks are only compatible with themselves. They should not be mixed with any other product lines.
- The inks are highly reactive to visible light. Care should be taken with the placement of lighting in the press room.

SAKATA INX^{...}

Visual Communication Technology

Process Inks

Black	1570876
Cyan	1570877
Magenta	1570878
Yellow	1570879

Tack

215 - 285 @ 100 m/min²

²Tacks may vary depending on the equipment used

Typical Viscosity range

145 - 310 poise @ 2500 sec.⁻¹

Cure Speed

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

Storage and Shelf Life

- Containers should be resealed promptly after use
- Prolonged exposure to sunlight should be avoided
- For maximum shelf life (not less than 6 months from date of manufacture depending on storage conditions), 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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Fastness properties

Reference	Lightfastness	Bleed resistance			
	Blue wool	Acetic Acid	Alkali	Ethanol	Soap
1570876 Process Black	8	N	N	N	N
1570877 Process Blue	8	N	N	N	N
1570878 Process Magenta	4	S	A	S	A
1570879 Process Yellow	4	N	N	S	N

Rating Scale: N = No S = Slight A = Appreciable NDA = No Data Available

NOTE: This information was obtained from the NPIRI Raw Materials Data Handbook Volume 4 – Pigments.
These are guidelines only and not intended to replace actual testing

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.