



TECHNICAL DATA SHEET

Date: 20.03.2019, Version: 5

Range name :

SICURA Litho FLUO

Description :

SICURA Litho FLUO is a UV series developed to match fluorescent Pantone shades. The series can also be used on presses equipped with Low Energy / H-UV (Iron-doped lamps) and LED UV dryers. Wet/wet or Wet/dry applications are possible. This series is 369, EDB, EHA and PBZ free.

Application Fields / Market :

All types of publication and packaging jobs needing Pantone® shades

Product safety:

Food packaging, pharma, or hygiene: **NO** *

* If the printing processing conditions rule out the possibility of set-off in the reel or stack and the design of the final printed article ensures reliable functional barrier properties to migration then this range can be used for the above applications.

For further information, please refer to **Siegwerk's Customer Guidance: Printing Inks for Food Packaging ("Know How")** on <https://www.siegwerk.com/en/our-responsibility/product-responsibility/customer-communications/food-packaging-safety.html>

Substrates:

Coated and uncoated papers
Matt and semi-matt coated papers
Boards

Features - Performances:

⇒ **ON THE PRESS SIDE**

- Easy to use : very good stability and water / ink balance
- Suitable for all dampening systems with or without alcohol
- Excellent UV reactivity as well as with Low Energy /H-UV /LED UV dryers
- High speed runnability

⇒ **ON THE PRINTING SIDE**

- Good gloss level
- Bright and vivid fluorescent shades
- Very low lightfastness
- Non suitable for laser or thermal overprinting
- Good rub resistance
- UV varnishing is not recommended

Warning :

- These UV inks are guaranteed for a period of 6 months after manufacture. Please check use by date indicated on the can.
- UV inks must be stored in a cool place
- Open containers must be kept away from light sources and be closed after usage.
- Please consult material safety data sheets (MSDS) for more information.
- Do not use for Toy application



Auxiliary printing additives :

When certain substrates or machine conditions imply adjustments of the ink properties, the additives should be chosen in function of this substrate and of the further processing of the printed matter.

Role	Designation	Reference numbers	Proportions
Reducer	Reactive reducer	81-470072-0	1 to 3 %
Tack reducer	Anti-tack paste	81-470071-2	1 to 3 %
Cure booster	Photoinitiator	71-470108-3	2 to 5 %

For Fountain additives and Cleaning products please contact our technical department.

Packing size:

✓ Plastic Tins 1 kg Packaging code 1180

The range :

Colours	Reference	Corresponding Pantone® shade	Light fastness	Recommended application to get the best fluo aspect
Blue P801	71-110954-6	801	1	Applied with 1 unit
Green P802	71-500379-4	802	1	Applied with 1 unit
Yellow P803	71-300551-0	803	1	Applied with 2 units
Orange P804	71-700220-8	804	1	Applied with 2 units
Red P805	71-801084-6	805	1	Applied with 2 units
Pink P806	71-801085-3	806	1	Applied with 2 units
Magenta P807	71-801086-1	807	1	Applied with 1 unit

Please note that the above inks are not resistant to: solvent mixture, alcohols and alkali.

This information is based on our experience and on results obtained in the laboratory, using specific processes and types of application. In view of the diversity of substrates and printing conditions, this data is communicated for information purposes only and is provided without any warranty on our part and must be authenticated by industrial tests before the products are used. Improvements are being made to our products on an ongoing basis and we therefore reserve the right to modify their composition as well as the contents of our technical data sheets. We disclaim any liability for applications for which this ink series is not foreseen.