



TECHNICAL DATA SHEET

Date: 20.03.2019, Version: 3

Range name :

TEMPO FLUO

Description :

Litho sheet-fed series, essential to produce fluorescent Pantone® colours.
This high intensity of the series allows to print, the fluorescent Pantone® colours in one pass.

Application Fields / Market :

All types of commercial 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 papers
Matt and semi-matt coated papers
Uncoated pigmented and sizing papers
Recycled papers
All kinds of board

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
 - High speed runnability
 - Not overnight stable
 - Inks remain very stable on the rollers

- ⇒ **ON THE PRINTING SIDE**
 - Good gloss level
 - High intensity
 - Good setting, final oxidative drying
 - Low lightfastness
 - Waterbased varnishing ability only
 - Good rub resistance

Warning:

- The use of an IR drier or warm air will improve the setting and the gloss but it is recommended to respect 30°C maximum in the stack.

- As any of the other fluorescent inks, the Tempo Fluo series is not lightfast.

- These inks have a shelf life of 2 years from the date of production. This has to be interpreted as a warranty of "the best use" concerning the printing properties of the inks, providing the cans are not opened and stored at room



temperature. After this date the inks are still usable on the press but their printing properties could eventually be altered in terms of transfer, trapping, optical density and to a certain extent in term of shade by consequence of the transfer.

- 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	References numbers	Proportions
Thinner	Diluent	61-470295-9	1 to 3 %
Tack reducer	Stargel	61-470080-5	2 to 4%

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

Packing size:

✓ Vacuum Metallic Tins	1 kg	Packaging code	1190
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The range :

Colours	Reference numbers	Corresponding Pantone ®
Blue	61-113915-5	801
Green	61-501952-8	802
Yellow	61-302653-3	803
Orange	61-701096-2	804
Red	61-804828-4	805
Pink	61-804869-8	806
Violet	61-101076-0	807

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.