



# TECHNICAL DATA SHEET

Date: 20.03.2019, Version: 6

Range name :

## TEMPO METALLIC INKS

Description :

We propose one series of ready to use inks designed for the production of metallic shades (offset or dry offset)

Application Fields / Market :

All types of publication and packaging jobs needing metallic 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:

All papers and 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
  - High speed runnability
  - Fresh ink
  - Not used with acid pH
  - Remains very stable on the rollers
  
- ⇒ **ON THE PRINTING SIDE**
  - Good gloss level
  - Excellent covering power
  - Good setting, final oxidative drying
  - Non UV varnishing
  - Water based varnishing for wet on wet is recommended; for wet on dry: varnish adhesion must be checked
  - 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.
- Do not use for Toy application.
- All references of this range have a shelf life of 12 months from the date of production.



**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		
Gold	1.5 kg	Packaging code : 0700
Silver	1.0 kg	Packaging code : 0700

**The range :**

• **100% VEGETABLE BASED**

References numbers	Corresponding Pantone and colours	Light (1)	Alcohol	Solvent	Alkali
61-400180-8	ONE COMPONENT RICHE GOLD	7	2	5	2
61-400183-2	ONE COMPONENT RICHE PALE GOLD	7	2	5	2
61-400184-0	ONE COMPONENT PALE GOLD	7	2	5	2
61-400178-2	ONE COMPONENT GLOSS SILVER	7	2	5	2
61-400476-0	ONE COMPONENT GOLD PMS 871	7	2	5	2
61-400477-8	ONE COMPONENT GOLD PMS 872	7	2	5	2
61-400652-6	ONE COMPONENT GOLD PMS 873	7	2	5	2
61-400479-4	ONE COMPONENT GOLD PMS 874	7	2	5	2
61-400484-4	ONE COMPONENT GOLD PMS 875	7	2	5	2
61-400648-4	ONE COMPONENT GOLD PMS 876	7	2	5	2
61-400649-2	ONE COMPONENT GLOSS SILVER PMS 877	7	2	5	2
61-400000-8	NON-LEAFING PANTONE SILVER	7	2	5	2

(1) These light fastness values refer to a solid tone printing. Light fastness decreases when colour strength is reduced or if colours are intermixed.

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.