



# SCREEN PRINTING

## UV INK

### UViprim PS

*Ink with UV drying, intended for printing on rigid supports such as PVC, various types of polystyrene (high-impact, acrylic resin coated) and its derivatives SAN, ABS.*

*Suitable on rigid polycarbonate, it also has applications in the bottle industry. NVP FREE.*

#### Use

The **UViprim PS** inks are used at standard viscosity or slightly diluted with mesh screens (150 to 180 fibres/cm).

To obtain correct opacity, we recommend you to add from 10% to 20% of THINNER WHITE to the basic colours, WHITE (**ref. 3802000**) must be used alone as white ink.

#### Polymerization

The fusion temperature speed depends on several parameters, especially the thickness deposited, the opacity, the colour and the type of substrate.

Faced with the numerous installations proposed, tests are essential whenever starting to print.

The white and the tints containing white colour will cure more slowly.

To obtain good adherence, the ink must be polymerized correctly.

For superposition, the 1st layer must not be over-polymerized. In addition, the adherence between the various colours must be checked from time to time.

#### Specifications

- |                    |   |                        |                             |
|--------------------|---|------------------------|-----------------------------|
| ➤ Appearance:      | gloss                                       | ➤ Weather resistance:  | good                        |
| ➤ Average density: | 1.05  | ➤ Thinner (max. 10 %): | 31970NG*                    |
| ➤ Viscosity:       | 8 ± 2 Pa.s                                  | ➤ Cleaning solvents:   | 2881, 2891, NS-81 and NS-91 |
| ➤ Coverage rate:   | 100 m <sup>2</sup> /kg with a 150 - 34 mesh | ➤ Expiry:              | refer to the label          |
| ➤ Light fastness:  | very good                                   |                        |                             |

\*diluent 31970NG : Skin irritation, Category 2 ; Eye irritation, Category 2, Skin sensitisation, Category 1

## Toxicology

The **UViprim PS** inks comply with EN 71-3 standard.  
They are non-flammable (high flash point).

STANDARD COLOURS		Ref. 1 kg
	Thinner white*	3802085
	White	3802000
	Lemon*	3802002
	Gold yellow*	3802004
	Orange*	3802006
	Scarlet*	3802007
	Cherry red*	3802008
	Cyclamen*	3802014
	Purple / Violet*	3802016
	Process blue*	3802027
	Reflex blue*	3802025
	Emerald green*	3802033
	Black*	3802044

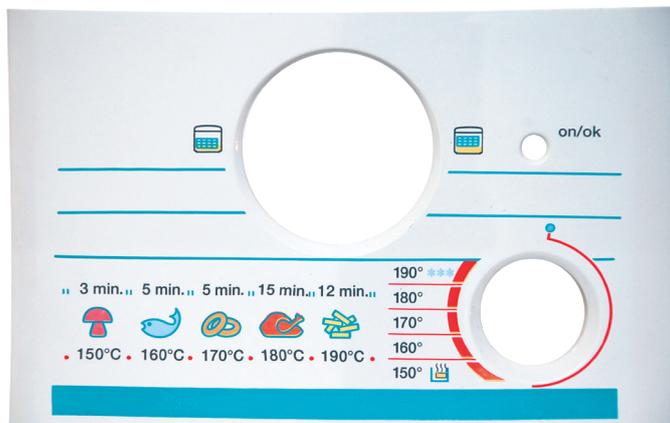
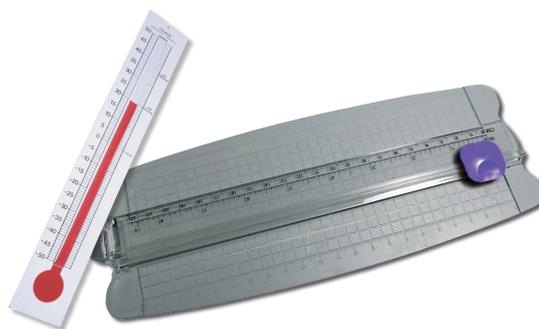
Non contractual colours and pictures  
On simple request, we can propose you a color panel card displaying accurate shades.



STANDARD COLOURS		Ref. 1 kg
<b>4-COLOURS PROCESS</b>		
4-colours yellow		3802050
4-colours magenta		3802052
4-colours cyan		3802054
4-colours black		3802056
4-colours thinner base		3802057
<b>BASE</b>		
Thinner base*		3802058
<b>ADDITIVE</b>		
Photoinitiator, per 100 g		38C0595

**Pantone® colour matching**

All the marked inks with an asterisk \*, can be colour matched according to the Pantone® colour guide through the online Colour Matching System developed by Tiflex.



IMP. TIFLEX 05.02.2018 - Non contractual colours and pictures - Only our Web-site is authorised to give real-time information about our inks. Paper notices are considered unwritten and no longer engage our company's responsibility once they are updated on our Web-site. Our responsibility can be engaged only if the customer has based his position on the information published on our Web-site. In all cases, the user should carry out validation tests under his own conditions before using our inks for his production. The safety data sheets are available free at: [www.tiflex.com/fr/s](http://www.tiflex.com/fr/s)