

# Rotoprint / Rotogloss

Self-adhesive labels.

More intense and fresher colours

## APPLICATIONS

Its rheology makes it suitable for rotary and fast-running flatbed presses. It adheres on a wide range of substrates: top coated PP, PE, PVC, coated papers. This ink is NVP-free, and has a very low concentration of aggressive chemicals. This series is characterized by a good resistance to chemicals. ROTOGLOSS' inks are compatible with overprinting by letterpress and hot foil stamping.

## SUBSTRATES

- Top coated polyethylene and polypropylenes
- Vellum
- Kromekotes
- Varnished metallic substrates

## BENEFITS

You can easily match Pantone® colours thanks to its adjusted 200 system colours. This ink is economical, as lower ink deposits are needed to obtain a sound opacity thanks to its high colour intensity. Tested on Stork machines (Screen Rotamesh® RM305) and Gallus machines (SCREENY KS, KM, HS).

## INK ADHESION

Because of a large diversity of substrates, we recommend to carry out pre-production trials.

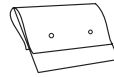
## ASPECT

Glossy



## SCREEN MESH

Screen Rotamesh® RM305 and Gallus machines SCREENY KS, KM, HS



## SQUEEGEES

SR1 or HR1 types (simple layer), SR3 or HR3 types (multi layers), 85 or 75 shore



## DRYING/CURING

The required energy for curing stands between 150 and 250 mJ/cm<sup>2</sup>.

All shades of this series have a curing speed of 20 to 40 meters/minute under a UV lamp set at 120 W/cm (305 W/in).



## CLEANING

Solvents ECO N, 93801

## THINNING

The most appropriate thinner is ST178 thinner. Instruction: 1 to 5%.

In case of difficult adhesion on a substrate, you can add AM9345 Thinner into the ink.

Instruction: 1 to 5%.

## PRINTING EQUIPMENT

Semi-automatic and automatic machines

## PACKING

5 kg





#### **STORAGE**

The Rotoprint / Rotogloss ink series are guaranteed to be stable in their original, unopened packaging; they have a shelf life of 24 months. Storage should be at a temperature between 15 and 25 °C (59-77 °F)

#### **COLOUR MATCHING**

DUBUIT offers a full in-house colour matching service from 1 kg. Please provide as much information as possible regarding the type of substrate, colour, mesh used...

#### **MULTIFLEX PIGMENT CONCENTRATES**

It is possible to enhance the power of colours by adding the Multiflex pigment concentrates. Be aware, however, that the addition of an excessive amount of pigment concentrates may affect the polymerization; please do not use concentrates alone.

#### **FLUORESCENT SHADES**

They have to be used on white background. The pot life of these inks is about three months from the date shown on the packaging. The light resistance is limited in time, especially in outdoor exposure.

#### **ADDITIVES AND SPECIAL PRODUCTS**

Do not forget that additives must not be incorporated systematically in the inks, but must be used with caution as their dosage and their field of use can often present risks. The special products we deliver are of consistent quality. Encres DUBUIT cannot guarantee the work using these products. Indeed, they cannot influence neither the working methods nor the operating parameters.

#### **HEALTH AND SAFETY**

The vast majority of printing inks and related products formulated by Encres DUBUIT contain no substances of very high concern. Our products comply with the requirements of Directives 2011/65/EU (RoHS 2), 2015/863/EU (RoHS 3) and 94/62/EC (heavy metal concentration levels present in packaging). For more information about our regulatory compliance, please consult our Eco System document, available on request.



<b>ROTOGLOSS/ROTOPRINT INK RANGE</b>			
<b>SOLID COLOURS - 200 PANTONE® ROTOGLOSS RANGE</b>			
<b>ARTICLE DESIGNATION</b>	<b>REF.</b>	<b>CODE 1 KG - 1 L</b>	<b>CODE 5 KG - 5 L</b>
Yellow	200		BRTG200C
Orange 02	210		BRTG210C
Warm Red	220		BRTG220C
Rouge	032		BRTG032C
Rubis	230		BRTG230C
Rhodamine	240		BRTG240C
Purple	250		BRTG250C
Bleu	072		BRTG072C
Violet	260		BRTG260C
Bleu Reflex	270		BRTG270C
Bleu Process	280		BRTG280C
Vert	290		BRTG290C
<b>BLACK, WHITE, BASE</b>			
Black	201		BRTG201C
Mixing White	202		BRTG202C
Intense Black	203		BRTG203C
Base	095		BRTG095C
<b>SOLID COLOURS - 700 ROTOPRINT RANGE</b>			
Mid Yellow	710		BRTG710C
Gold Yellow	720		BRTG720C
Mandarin	730		BRTG730C
Vermillion	740		BRTG740C
Dark Red	750		BRTG750C
Pink	760		BRTG760C
Violet	770		BRTG770C
Primary Blue	780		BRTG780C
Emerald Green	790		BRTG790C
<b>BLACK, WHITE, BASE &amp; VARNISH</b>			
Non-opaque bright White	702		BRTG702C
Black	701		BRTG701C
Intense Black	703		BRTG703C
Powder Varnish	H0083		BDIVH0083C
Base (also valid for metallic powder)	095		BRTG095C
Underlayer Whites			
Underlayer White for flexo overprints	H0895		BDIVH0895C
Underlayer White for screen printing overprint	6289		BDIV6289C
Matt White	6369		BDIV6369C
<b>ADDITIVES</b>			
Standard Thinner	ST178	D178L	D178Q
Reactive Thinner	AM9345	D9345K	D9345
<b>PHOTO INITIATOR</b>			
Standard Pi	ST307	BDIV307K	

Encres DUBUIT garantit la qualité de ses produits. Cependant, nous ne pouvons pas garantir le résultat final, car nous n'exerçons aucun contrôle sur les procédures d'exploitation individuelles. Notre responsabilité se limite uniquement à l'échange d'encre ou de vernis. La qualité d'un substrat à imprimer peut varier. Par conséquent, les informations ci-dessus sont données de bonne foi sur la base de l'état de notre art et de l'expérience antérieure. Cette constatation vaut aussi pour notre assistance technique. Lors de l'utilisation de nos encres et vernis sur un nouveau substrat ou lors du changement des procédures d'exploitation, nous recommandons fortement de tester d'abord une production à grande échelle pour s'assurer de la compatibilité de l'encre. Veuillez-vous référer à nos Conditions Générales de Ventes.