



## TECHNICAL DATA SHEET

### Characteristics for conversion process And subsequent use

The **SETCOBOND** ink series is a range of highly pigmented **Gravure Inks** with a solvent balance optimized to give best results at high press speeds.

This product is recommended for printing on polyolefin, PE, Foil, BOPP, CC Pet.

RESISTANCE	Surface Printing	Sandwich Printing
water:	5	N/A
Cold seal adhesive	-	N/A
edible fat/edible oil:	-	N/A
paraffin:	-	N/A
cheese:	-	N/A
acid:	-	N/A
deep-freeze resistance:	Yes	N/A
heat-seal resistance:	160°C	N/A

**Rating Scale** : 1=lowest, 5=Best Value

Suitable for coating with:	
PE:	-
PVdC:	-
wax:	-
hotmelt:	-

For lamination with suitable:	
solvent-containing adhesives:	Yes
solvent-free adhesives:	Yes

### Solvents:

GRAVURE	
Diluent:	Ethyl Acetate / N-Propyl Acetate 4 : 1
Drying accelerator:	Ethyl Acetate
Drying retarder:	Ethoxy Propanol / Methoxy Propanol

## **Substrates**

PE, Foil, BOPP.

The surface treatment level should be checked before printing to ensure that it is between 38 and 42 dynes/cm<sup>2</sup> and adhesion proven before starting a commercial run. If in doubt contact your local Setco technician.

## **Application and Special characteristics**

- High Strength Inks.
- Excellent Printability and Transfer Properties.
- Good adhesion on variety of substrates.
- Good bond strength.
- Excellent Solvent release & very low solvent retention & odour.
- Suitable for all presses.
- Low skin formation during printing.
- Extended blade / cylinder life due to very low abrasion properties
- Suitable for Solvent based and solvent less lamination.
- Highly recommended for Food packaging.
- Low inventory due to single ink system.

## **Special instructions**

Handling : 1. Always shake thoroughly before use.  
2. Keep container lid tightly closed.

Packing Available : In 20 kg and 180 kg.

The inks in their original containers, unopened and stored in adequate conditions are guaranteed for Twelve (12) months. Silver and gold inks Six (6) months.

Recommended storage temperature is 10-30°C.

### **DISCLAIMER:**

The information contained in this leaflet is based on our experience and laboratory tests and true to the best of our knowledge. However, no warranty, express or implied, arising out of the use of our product is given as the conditions of use are beyond the control of manufacturers of this product. Customers are advised to carry out their own tests to judge the suitability of our product for the recommended applications.

## SETCOBOND GRAVURE INKS

Product Description	Product Code	Viscosity Ford cup B-4 at 30 <sup>0</sup> C, in seconds.	% Solid Content
<b>YELLOW</b>	<b>SCI-12015</b>	<b>45 (+/-) 5</b>	<b>31 (+/-) 2</b>
<b>CYAN</b>	<b>SCI-10019</b>	<b>35 (+/-) 5</b>	<b>31 (+/-) 2</b>
<b>MAGENTA</b>	<b>SCI-11013</b>	<b>45 (+/-) 5</b>	<b>31 (+/-) 2</b>
<b>YELLOWER MAGENTA</b>	<b>SCI-11023</b>	<b>45 (+/-) 5</b>	<b>31 (+/-) 2</b>
<b>BLACK</b>	<b>SCI-13012</b>	<b>35 (+/-) 5</b>	<b>31 (+/-) 2</b>
<b>MEDIUM</b>	<b>SCI-24511</b>	<b>70 (+/-) 5</b>	<b>25 (+/-) 2</b>
<b>WHITE</b>	<b>SCI-14011</b>	<b>40 (+/-) 5</b>	<b>48 (+/-) 2</b>
<b>REFLEX BLUE</b>	<b>SCI-10020</b>	<b>35 (+/-) 5</b>	<b>30 (+/-) 2</b>
<b>VIOLET</b>	<b>SCI-21007</b>	<b>35 (+/-) 5</b>	<b>29 (+/-) 2</b>
<b>ORANGE</b>	<b>SCI-18005</b>	<b>35 (+/-) 5</b>	<b>29 (+/-) 2</b>