



## TECHNICAL DATA SHEET

### Characteristics for conversion process And subsequent use

The **SETCOFOIL HR** 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 Aluminum Foil.

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:	Yes	N/A

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

Suitable for coating with:	
Foil:	Yes
PVdC:	-
wax:	-
hotmelt:	-

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

### Solvents:

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

## Substrates

### Foil

The surface treatment level should be checked before printing & adhesion proven before starting a commercial run. If in doubt contact your local Setco technician.

## Application and Special characteristics

- High strength inks.
- Excellent Gloss.
- Excellent adhesion
- Very good nail and scuff resistance.
- Excellent solvent release, enabling high press speeds to be used.
- Designed to exhibit a low coefficient of friction.
- Excellent freeze thaw resistance is obtained making it usable for the packaging of frozen food.
- Good heat resistance (180°C, 3bar, 1 sec on shellac coated FOIL, under standard lab conditions).
- Low odour and solvent retention.
- As the application of Gravure-printed foil and other films are so varied, the level of slip and certain other properties required in **SETCOFOIL HR INKS** may be specified in discussion with our technical service personnel.

## Special instructions

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

Packing Available : In 20 kg and 200kg.

The inks in their original containers, unopened and stored in adequate conditions are guaranteed for six (6) months. Silver and gold inks three (3) 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.

## SETCOFOIL GRAVURE HR INKS

Product Description	Product Code	Viscosity Ford cup B-4 at 30 <sup>0</sup> C, in seconds.	% Solid Content
TR. GOLD	SCI-62501	35 (+/-) 5	20 (+/-) 2
TR. RED	SCI-57001	35 (+/-) 5	21 (+/-) 2
TR. MAGENTA	SCI-53001	35 (+/-) 5	23 (+/-) 2
TR. BLACK	SCI-55001	35 (+/-) 5	25 (+/-) 2
TR. CYAN	SCI-52007	35 (+/-) 5	22 (+/-) 2
TR. ORANGE	SCI-59501	35 (+/-) 5	21 (+/-) 2
PEACOCK BLUE	SCI-52001	35 (+/-) 5	25 (+/-) 2
PROCESS YELLOW	SCI-54001	35 (+/-) 5	23 (+/-) 2
WHITE	SCI-56001	35 (+/-) 5	40 (+/-) 2
HR. MEDIUM	SCI-64001	45 (+/-) 5	15 (+/-) 2
OPV	SCI-64016	35 (+/-) 5	16 (+/-) 2