



TECHNICAL DATA SHEET

Characteristics for conversion process And subsequent use

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

This product is recommended for printing on polyolefin films such as PE, PP, BOPP or Pearllize BOPP.

RESISTANCE	Surface Printing	Sandwich Printing
water:	-	N/A
Cold seal adhesive	-	N/A
edible fat/edible oil:	-	N/A
deep-freeze resistance:	-	N/A
heat-seal resistance:	-	N/A

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

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

Solvents:

GRAVURE	
Diluent:	Tolune : IPA : 70:30
Drying accelerator:	Ethyl Alcohol
Drying retarder:	N – Butyl Alcohol

FLEXO	
Diluent:	IPA : NPA 80:20
Drying accelerator:	Ethyl Alcohol
Drying retarder:	N – Butyl Alcohol

Substrates

PE, PP or BOPP, LDPE, Nylon Poly.

The surface treatment level should be checked before printing to ensure that it is between 38 and 42 dynes/cm² and 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.
- It is free from any toxic substance and the inks can, therefore be used for printing for food packaging where the dried inks will not come in direct contact with solid foodstuff.
- Excellent solvent release, enabling high press speeds to be used.
- Designed to exhibit a low coefficient of friction.
- Can be used for CPP and BOPP printing. Please consult our representative.
- Low odour and solvent retention.
- As the application of gravure-printed polyethylene and other films are so varied, the level of slip and certain other properties required in **SETCOFLEX POLYGLOSS INKS** may be specified in discussion with our technical service personnel.

Special instructions

Used for all kinds of surface printing jobs .

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.

SETCOPLEX POLYGLOSS INKS

Product Description	Product Code	Viscosity Ford cup B-4 at 30 ⁰ C, in seconds.	% Solid Content
YELLOW	SCI-40504	45 (+/-) 5	36 (+/-) 2
CYAN	SCI-38504	25 (+/-) 5	36 (+/-) 2
MAGENTA	SCI-39502	35 (+/-) 5	36 (+/-) 2
BLACK	SCI-41501	30 (+/-) 5	38 (+/-) 2
MEDIUM	SCI-51001	25 (+/-) 5	29 (+/-) 2
WHITE	SCI-42502	35 (+/-) 5	58 (+/-) 2
WARM RED	SCI-43508	35 (+/-) 5	38 (+/-) 2
VIOLET	SCI-48009	25 (+/-) 5	36 (+/-) 2
ORANGE	SCI-46011	30 (+/-) 5	36 (+/-) 2