

SETCOLAM INKS

(Gravure reverse printing lamination inks)

The **SETCOLAM** ink series is a new generation Vinyl technology ink, which is a Gravure Printing Ink system for Reverse printing and subsequent Lamination application.

This product is recommended for printing on Plain PET, Corona PET, Chemically Coated PET and BOPP Films.

Application and Special Characteristics

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

Press recommended temperature of 55 – 70°C. However, the actual temperature can vary with substrate, process, press conditions and printing speed.

Lamination Adhesive Compatibility	
Solvent Based Adhesive	Yes
Solvent Free Adhesive	Yes

Solvent Combination:

Rotogravure Printing	
Diluent	Toluene / Ethyl Acetate (50:50)
Drying accelerator	Ethyl Acetate / MEK
Drying retarder	MIBK

Substrates:

Plain PET, Corona PET, Chemically Coated PET and BOPP Films.

PET Films: Applicable on Corona Treated (48 to 52 Dynes), Chemically Coated and Plain Polyester (42 to 54 Dynes) films.

BOPP Films: Applicable on treated BOPP (38 to 42 Dynes) films on addition of 6 -8 % BOPP additive.

The surface treatment level should be checked, and adhesion proven before starting a commercial run. If in doubt, contact your local SCI representative.

Suitable For Product Packaging

- General packaging
- Food and beverages packaging
- Cosmetics, Detergent, Fabric Softener, Shampoo, etc.
- Suitable for zip seal, spout seal, gusset seal etc.

Special instructions

For fine half tone printing use diluent -Toluene / Ethyl Acetate / MIBK (4:4:2)

Health and Safety

Please refer to the SCI MSDS for the ink related health and safety precautions. The user is responsible to adhere to the local government Health and Safety handling regulations.

Ink Handling

Always shake thoroughly before use.

Keep container lid tightly closed at recommended Storage conditions. Please refer MSDS for details.

Packing

Colors & Medium - 20 kg MS drums and 180 kg MS Barrels

White & Metallic Inks - 25 kg MS drums and 220 kg MS Barrels

Storage Conditions & Shelf Life

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

Recommended storage temperature is 10-30°C.

DISCLAIMER:

The information contained in this publication 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.

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