



**Sky Inx**  
Pvt. Ltd.

We Are manufacturing All Type  
Liquid Printing Inks For Gravure And  
Flexo Graphic Printing & Process





## General Introduction

Welcome to Sky Inx Private Limited, the leading manufacturer of Flexo and Gravure Printing Inks in Ahmedabad, Gujarat (INDIA). With a 10 years of experience in the industry, we take pride in delivering quality products that exceed our customers' expectations. Our technical expertise is second to none, thanks to the leadership of Mr. Ravi Javiya. He holds a B.Sc. degree in Chemistry, an M.Sc. degree in Organic Chemistry, and a Master's degree in Printing Ink Technology. Having previously worked with a renowned Printing Ink Manufacturing Company in India, Mr. Javiya brings a wealth of knowledge and experience to our company.

Future Build on the  
bedrock of solid foundation

## Mission

At Sky Ink, Our mission is to go beyond meeting customer needs and truly understand and anticipate them. We are committed to providing high-quality products that meet and exceed our customers' expectations. We believe business is built on relationships, and we prioritize establishing and maintaining long-term client partnerships. Our approach is not just focused on order, but on cultivating lasting connections with our clients. Ultimately, our goal is to maximize customer satisfaction and build lasting, mutually beneficial relationships.

## Key differentiators Include:

Continuously widening product range and improvements in product features

Centre of excellence to continuously raise operational performance

Intense focus on operations and consistency in product quality

## Differentiators

### Why Sky Inx?

Customised solutions to solve toughest problems

Commitment & passion for exceptional customer service



## Quality Control

We take quality control seriously. Our commitment to your complete satisfaction is reflected in our stringent quality control standards system. Before our ink is deemed fit for your use, it undergoes a thorough testing process to ensure it meets our exacting standards. We believe that ink formulations should be tailored to achieve optimal press performance, and our products are customized accordingly. To maintain consistency, every batch of our ink is rigorously tested. Additionally, all raw materials are tested prior to production, and the ink is tested on various press parameters that may impact performance. Our liquid inks undergo testing for a range of properties, including shade, strength, adhesion, printability, gloss, opacity, and flow. Rest assured that the ink produced by Sky Ink will meet our high standards of quality, performance, and consistency.



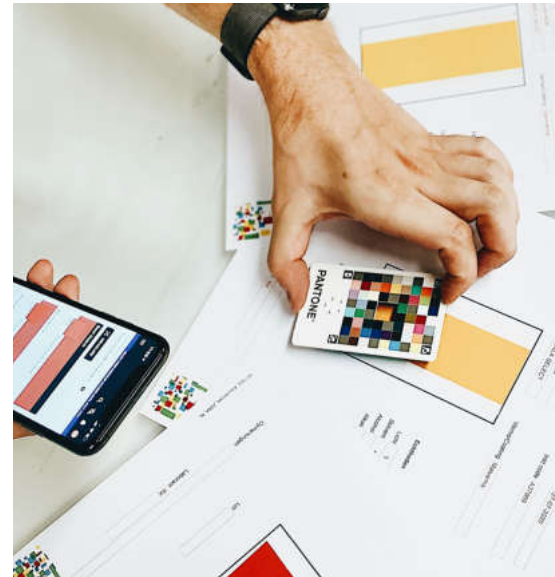
## Product Portfolio

### Catering to Every Need

A wide range of product portfolio along with customized solutions to cover your every need.

### Solvent Based Printing Inks

- ✔ Flexo HDPE/PP Woven Sack Inks
- ✔ Flexo Heat Resistant HDPE/PP Woven Sack Inks
- ✔ Flexo/Gravure poly inks (PP, LD, HM, LDPE, BOPP Film)
- ✔ CI flexo printing Inks
- ✔ Flexo/Gravure non-woven Inks
- ✔ Gravure BOPP Extrusion Lamination Inks
- ✔ Gravure Polyester lamination Inks
- ✔ Gravure Poly Surface Printing Inks
- ✔ Gravure PVC & BOPP Shrink Lable Inks
- ✔ Gravure HR foil & paper printing Inks
- ✔ Gravure Hi-Speed Deep freeze Inks



### Water Based Printing Inks



- ✔ Flexo Nerrow Web Lable Ink
- ✔ Flexo Multi-Purpose Lable Ink
- ✔ Flexo deep freeze foil ice cream Come & Sleeve Ink
- ✔ Gravure & Flexo HR Paper & foil Inks (for tobacco & food packaging)
- ✔ Flexo/Gravure non-woven inks
- ✔ Gravure & Flexo non woven fabric & bags inks
- ✔ Flexo Paper Tea Cups & Paper glass Inks
- ✔ Flexo tissue paper and other paper Inks
- ✔ BOPP Tape Gravure Printing Inks
- ✔ Flexo kraft Paper Inks
- ✔ Flexo Over Print Vernish Countings
- ✔ UV Coatings for Paper & Plastic lable



## Gravure/Flexo Ploy Surface Printing Inks



### Description

Polyamide Based Ink Suitable For Printing On Various Films

### Print Process

Gravure And Flexography

### Print Substrate

Can Be Printed On All Types Of Treated PP And PE (Minimum Treatment Level 38 Dynes/Cm), Metalized PVC/BOPP/PET/CPP, Pearlized BOPP

### Application

Shopping Bags, Twist Wrappers, Rusk/ Bread Packaging

Solvent System	
Normal	IPA:N-Butanol(NBA)- 80:20
Retarder	N-Butanol (as required)

## Key Features

- ✓ Good flow of ink
- ✓ Excellent gloss
- ✓ Excellent blocking resistance
- ✓ Excellent dry rub resistance
- ✓ Suitable for speed from 40 M/M to 120 M/M
- ✓ Desired shades can be obtained by intermixing standard colors at press room level.

## Dilution

Depending on printing conditions, the following solvents may be used as retarder or accelerator.

**Accelerator:** IPA / Ethyl Alcohol

**Medium:** Toluene(For Gravure only), N Propyl Alcohol

**Retarder:** N-Butanol / Methoxy Propanol



## HDPE & PP Woven Sack Printing Inks



### Description

For Surface Printed Application On Treated Or Non-Treated HDPE/PP Fabric. Printing Can Be Done On Both Multicolor Manual Or Online Continuous Printing Machines

### Print Process

Flexography

### Print Substrate

Untreated & Treated HDPE/PP Fabric And PP Laminated Bags.

## Key Features

- ✦ Good printability and re-solubility of inks
- ✦ High color strength inks
- ✦ Good nail and scuff resistance
- ✦ Excellent adhesion on fabric (given that drying of ink is sufficient)
- ✦ No damage by reducer to rollers and stereo during printing
- ✦ Desired shades can be obtained by intermixing standard colors at press room level

### Application

Flexo Surface Printing HDPE & PP Roll To Roll & Bag To Bag Printing Inks Use :

- ✦ Fertilizer & Agriculture Bags
- ✦ Sugar & Salt Bags
- ✦ Cement, Wall Putty Bags
- ✦ Flour, Food, Seeds, Animal & pets food bags Powder & granules Bags

Solvent System	
Normal	Rec' reducer of SKY INX
Retarder	Rec' reducer of SKY INX
Manual hand fed speed	40 bags/min
Online speed	120 miter/min

## Recommendations

- ✦ For better coverage, kindly reduce the ink with our reducer in the ratio of 1:2
- ✦ Premixing of ink and reducer is important for better performance
- ✦ Drying of ink with halogen lamps or heaters is necessary for best adhesion
- ✦ Do not keep ink or reducer in open after usage

## Bopp Extrusion Lamination Printing Inks



### Description

This Ink Is Formulated For Reverse Printing By Gravure System Which Further Goes In Extrusion Lamination With PP On Woven Sacks

### Print Substrate

Applicable On Corona-Treated (38-42 Dynes/Cm) BOPP Film

### Key Features

- ✱ Extremely high bond strength on PP extrusion lamination
- ✱ Excellent printability resulting in clean and sharp images.
- ✱ Low solvent retention/ low odor
- ✱ Extremely stable and excellent re-usability
- ✱ Excellent half tone reproduction
- ✱ Suitable for speed from 100 M/M to 350 M/M
- ✱ Desired shades can be obtained by intermixing standard colors at press room level

### Print Process

Gravure

### Application

Gravure Reverse Printing BOPP Extrusion Lamination Inks Use:

- ✱ Rice, Wheat & Pulses Bags
- ✱ Spices, Salt & Sugar Bags
- ✱ Fertilizer & Agriculture Bags
- ✱ Powder & granules Bags
- ✱ Animal & pet Food Bags

### Lamination

PP Extrusion Lamination Between Printed BOPP And PP Woven Fabric

Solvent System	
Normal	Toluene:Ethyl Acetate- 50:50
Fast	Ethyl Acetate
Retarder	MIBK (As required)



## Gravure Polyester Lamination Inks



### Description

This Ink Is Formulated For Reverse Printing By Gravure System Which Further Goes In Lamination With Solvent Base Or Solvent Less Adhesive. Vinyl Based Resin System Suitable For Various Flexible Films.

### Print Substrate

Plain Polyester, Corona Treated Polyester (48-52 Dynes/Cm), Chemically Coated Polyester, Treated BOPP (38-42 Dynes/Cm). Consult Our Technical Team Before Printing On BOPP



### Key Features

- ✱ Excellent printability resulting in clean and sharp images
- ✱ Low solvent retention/ low odour
- ✱ Low solvent retention/ low odor
- ✱ Suitable for food packaging (External Packaging only)
- ✱ High bond strength
- ✱ Extremely stable and excellent re-usability
- ✱ Excellent half tone reproduction
- ✱ Suitable for speed from 100 M/M to 220 M/M
- ✱ Desired shades can be obtained by intermixing standard colors at press room level.

### Print Process

Gravure

### Application

Flexible Packaging For Confectionary And General Purpose Product Pouches. Lamination Bonds Are Dependent On Substrate Type And Quality, Adhesive Type And Film Weight Applied.

### Lamination

Suitable for solvent-based and solvent-less lamination.

Solvent System	
Normal	Toluene:Ethyl Acetate- 50:50
Halftone Printing	Toluene:Ethyl Acetate:MIBK- 40:40:20
Retarder	MIBK upto 10%

## Gravure Reverse Printing PVC Shrink Inks

### Description

Our Organization Is Offering A Quality Array Of PVC Shrink Ink That Is Extensively Used In Packaging Industry. Mainly Used For Reverse Printed Non Lamination Application On Flexible Films, This Aryalic Based Reverse Ink Is Suitable For Non Lamination Application On Flexible Films. The Flexible Packaging For Confectionary And General Purpose Product Shrink Sleeves Is Printed Utilizing Gravure Printing Process On Shrink PVC.

### Print Process

Gravure

### Print Substrate

Suitable for solvent-based and solvent-less lamination.

## Application

- ✱ Shrink Wrap Labels
- ✱ Beverage Bottle Shrink Labels
- ✱ Juice Bottle Shrink Labels
- ✱ PETG Bottle Shrink Labels
- ✱ Pet Bottle Shrink Labels
- ✱ Stationery Shrink Labels



## Gravure BOPP Surface Printing Inks & Coatings

### Description

These Are High Gloss Surface Ink With Scuff, Gloss & HR Properties. For Reverse Lamination / Surface Printed Application On Flexible Films. NC Based Versatile Ink, Suitable For Reverse Lamination. Surface Printed Application On Flexible Films That Is Formulated Using Quality Raw Material To Make It Heat Resistant, Scuff Resistant And Nail & Abrasion Resistant.

### Print Process

Gravure

### Lamination

BOPP, LDPE, Paper, Foil, , Pearl BOPP

## Features

- ✱ High heat & scuff resistance
- ✱ Excellent Printability and Re-Solubility
- ✱ Versatile ink suitable for various types of flexible substrates
- ✱ Good deep freeze resistance in surface application
- ✱ Low solvent retention
- ✱ Suitable for speed from 50 m/m to 400 m/m





## Flexo Heat Resistant HDPE/PP Woven Sack Ink

### Description

Polypropylene block bottom valve bags inks it is hi teampreter resistance ink and highly rub tested and scuff tested ink.

### Print Process

Flexo Graphic

### Application

Flexo Graphic

### Print Substrate

Untreated & Treated HDPE/PP fabric and PP laminated bags and Rolls

### Ink Reduction

Sky Inx Specialty Developed Reducer And Retarder



## Bopp Tape Gravure Printing Ink

### Description

BOPP Tape Inks are for Gravure Printing, high quality Reverse printing applications on BOPP Adhesive (Water Based Adhesive) Tape. Optimized to give best printing results.

### Print Process

Gravure

### Application

BOPP Adhesive tapes

### Print Substrate

BOPP (Min treatment level 38 Dynes/cm)

### Print Substrate

BOPP (Min treatment level 38 Dynes/cm)

- ✿ Excellent printability
- ✿ High colour strength
- ✿ Higher bond strength
- ✿ Low solvent retention



## Flexo/Gravure Deep Freez Inks

### Description

Sky Freeze inks are versatile in application and suitable to print on wide range of substrates. These inks can be printed on Flexo as well as Gravure press. These inks have high gloss; low odour retention; excellent full tone and half tone printing can be achieved. These inks have excellent deep freeze, oil resistance, Grease resistance, fat resistance. Excellent heat resistance and highly recommended for Dairy and Oil Packaging Film.

### Print Process

Gravure/Flexo Graphic

### Print Substrate

LDPE ( Treated > 38 Dynes)

### Application

Dairy Products, Water Pouches and Deep Freeze products.

### Ink Reduction

**Accelerator:** Ethyl Acetate

**Reducer:** Reducer/Gravure: Mixture Of Ethyl Acetate + IPA (80 : 20)

**Flexo:** Downol PM + Ethyl Alcohol (Absolute) + NP Acetate (10:80:10)



## Gravure HR Foil Inks

### Description

Heat Resistant Inks for Aluminum Foil. We formulate and offer a quality range of Foil HR inks that is processed using quality raw material to make it in accordance with the industry standards. These inks are extensively used for surface printed application for their heat resistance attributes. Our offered ink is highly suitable for surface printing aluminum foil and NC based surface printing application.

### Print Process

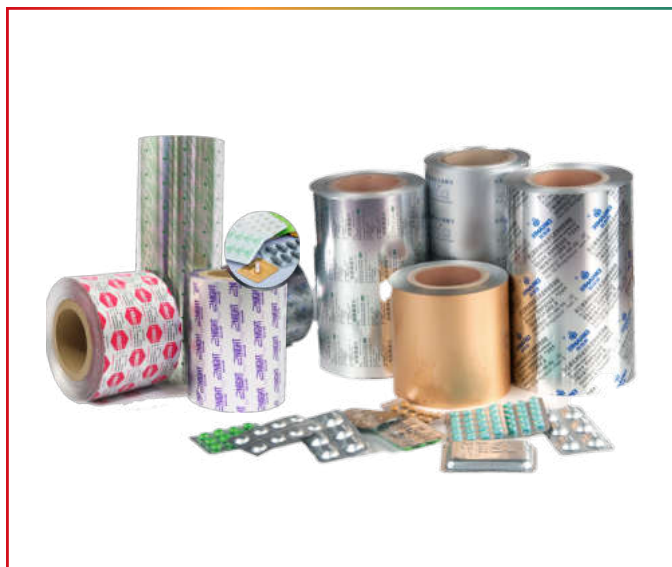
Gravure

### Print Substrate

Blister foil, Normal foil, Chromo paper, Glassine, Metallized paper, CC PET.

### Print Substrate

- ✔ Pharmaceutical Foil
- ✔ Paper pouch
- ✔ Tobbaco pouch
- ✔ For metalized paper & metal foil printing





## Inks For Special Application

## Gravure/Flexo Non-Woven Printing Ink



# Flexo Malti Purpose Label Printing Ink



## Gravure/Flexo HR Foil & Paper Printing Ink



## Gravure/Flexo Deep Freeze Printing Ink





Contact us Today

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