



# SCREEN PRINTING PLASTISOL INK

## INSTRUCTIONS FOR USE TEXTILE TRANSFER

### Transfer media

- Transfer paper
- Matt polyester sheet
- Glossy polyester sheet

### Supports

- No water-repellent fabrics resistant to transfer temperature

### Technical specifications

- **Aspect** : matt or glossy depending on the media transfer used
- **Ironing** : reverse side
- **Composition** : refer to the ink data sheet
- **Compliance** : refer to the ink data sheet



### Transfer printing : Flashcolor, Himalaya, Creative Crea, Crea fireproof

#### 1) CHOICE AND KEY BENEFITS OF TRANSFER MEDIA

- **Transfer paper** : low unit cost.
  - **Matt polyester sheet** : dimensional thermal stability, transparency useful for shimming, matt to satin aspect.
  - **Glossy polyester sheet** : dimensional thermal stability, transparency useful for shimming, glossy aspect.
- Can be used as a surfacing sheet to make glossy prints.

#### 2) PREPARATION OF TRANSFER MEDIA

- Put your blank transfer media in Infrared dryer before printing to remove moisture.

#### 3) PRINTING AND PRE-DRYING

- Print your **reversed** pattern, color by color, on your transfer media.
- ⚠ Printing only on one side for glossy polyester sheet, printing possible on both sides for matte polyester.
- **After each printed color**, pre-drying for 1 minute at 100-110°C for printable adhesives and 30 seconds at 1 minute to 120-150°C for PET Adhesive powder (**3863327**).
- Protect your transfer media after each pre-gelling to avoid moisture pick-up again. These are harmful to color registration.
- At this stage, the prints are stackable but not fully dried.

#### 4) ADHESIVE APPLICATION

- Choose your adhesive according to the ink used and apply it to the last color before tunnel drying.

FLASHCOLOR	HIMALAYA AND CREATIVE CREA	CREA FIREPROOF
<ul style="list-style-type: none"> <li>- PET Adhesive powder</li> <li>- PU Adhesive powder</li> <li>- FLASHCOLOR Printable adhesive</li> <li>- FLASHCOLOR White printable adhesive</li> </ul>	<ul style="list-style-type: none"> <li>- PET Adhesive powder</li> <li>- HIMALAYA White printable adhesive</li> <li>- HIMALAYA Transparent printable adhesive</li> <li>- HIMALAYA Ribbon printable adhesive</li> </ul>	<ul style="list-style-type: none"> <li>- PET Adhesive powder</li> </ul>

- ⚠ **The Ribbon printable adhesive** can be printed in 62 t/cm, it is very reactive.
- ⚠ **The PET Adhesive powder** gives optimal resistance. It should be repackaged in a carton before use to reduce static electricity.
- ⚠ **The PU Adhesive powder** gives a softer touch but it's lesser wash fastness and doesn't block potential pigmentary lifts.

## 5) HEAT PRESS CONDITIONS

### FLASHCOLOR

170-190°C at 20-30 secondes

### HIMALAYA AND CREATIVE CREA

160-170°C at 15 secondes

### CREA FIREPROOF

160-170°C at 15 secondes

These parameters can be decreased when the temperature of the infrared dryer has been increased (PET Adhesive powder imperative).

⚠ The dryer and press conditions must be revalidated by washing tests.

## 6) PEEL : HOT/COLD PEEL

- Remove glossy polyester only after complete cooling (cold peel). For other transfer media, hot peel or cold peel can be applied depending on the desired aspect.

## Transfer printing with Dreamflash : plastisol inks without PVC and phthalates

### 1) PREPARATION OF TRANSFER MEDIA

- Put your blank polyester transfer media in Infrared dryer before printing to remove moisture.

⚠ Use only matt polyester sheet.

### 2) PRINTING AND PRE-DRYING

- Print your **reversed** pattern, color by color, on your transfer media. Printing is possible on both sides for matt polyester sheet.

- Pre-drying **after each printed color** in a tunnel for 2 minutes at 120°C.

- Protect your transfer media after each pre-gelling to avoid pick-up moisture again. These are harmful to color registration.

### 3) ADHESIVE APPLICATION

- It's imperative to apply the **PET Adhesive powder** to the last color before tunnel drying.

⚠ To reduce static electricity, repack the **PET Adhesive powder** in a carton before application.

### 4) PRESS CONDITIONS

- Heat press : 140-160°C at 20 secondes.

⚠ The tunnel and press conditions must be revalidated by washing tests.

### 5) PEEL : COLD PEEL

- It is imperative to remove the polyester when cold.

## Product range

TRANSFER MEDIA	Format	Pack size	References
Transfer paper 105 g/m <sup>2</sup>	50 x 70 cm	250 sheets	2543100
Transfer paper 105 g/m <sup>2</sup>	70 x 100 cm	250 sheets	2543200
Polyester sheet for matte transfer	35 x 50 cm	100 sheets	2543850
Polyester sheet for matte transfer	50 x 70 cm	100 sheets	2543870
Polyester sheet for matte transfer	70 x 100 cm	250 sheets	2543750
Polyester sheet for glossy transfer	50 x 70 cm	200 sheets	2543500
Parchment paper for hot transfer	40 x 60 cm	500 sheets	7EPPD200P

ADHESIVES	Density	Pack size	References
PET Adhesive powder*		3 kg	3863327
PU Adhesive powder		3 kg	3863328
Adhesive powder for mixing into the ink (10% maximum)		3 kg	3863317
FLASHCOLOR Printable adhesive	1,12	5 l	3864021
FLASHCOLOR White printable adhesive	1,40	5 l	3864022
HIMALAYA White printable adhesive*	1,42	5 l	39H4098
HIMALAYA Transparent printable adhesive*	1,20	5 l	39H4099
HIMALAYA Ribbon printable adhesive*	1,20	5 l	3864042

\* These products are **ECO PASSPORT by OEKO-TEX** ® certified (Additives and thinners : ZH150 216191).