

SCREEN PRINTING PLASTISOL INK

INSTRUCTIONS FOR USE TEXTILE TRANSFER

Transfer media

- Transfer paper
- Matt polyester sheet
- Glossy polyester sheet

Supports

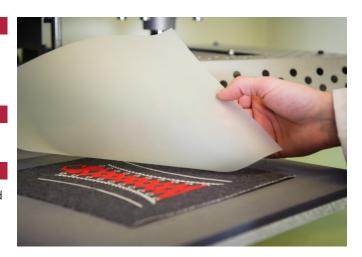
■ No water-repellent fabrics resistant to transfer temperature

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
PET Adhesive powderPU Adhesive powderFLASHCOLOR Printable adhesiveFLASHCOLOR White printable adhesive	 PET Adhesive powder HIMALAYA White printable adhesive HIMALAYA Transparent printable adhesive HIMALAYA Ribbon printable adhesive 	- PET Adhesive powder

- ▲ 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 applyed 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/m²	50 x 70 cm	250 sheets	2543100
Transfer paper 105 g/m²	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).





