



# SCREEN PRINTING SOLVENT INK

## INSTRUCTIONS FOR USE TEXTILE TRANSFER

### Transfer media

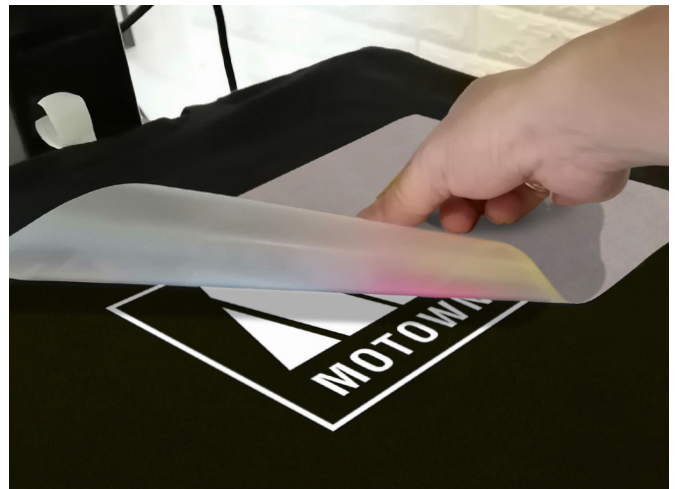
- Matt polyester sheet (double sided)

### Supports

- No water-repellent cotton and synthetic fabrics resistant to transfer temperature

### Technical specifications

- **Aspect** : matt
- **Ironing** : on the reverse side
- **Composition** : refer to the ink data sheet
- **Compliance** : refer to the ink data sheet



### Transfer printing : Polyworks and Polyworks fireproof

#### 1) PREPARATION OF TRANSFER MEDIA

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

#### 2) PRINTING AND PRE-DRYING

- To avoid misregister when you perform multi color print, pass the media first through the infrared dryer at 50°C to remove moisture.
- Stir the ink in the pail before use then add 10% of Hardener XF 822 (**3470503**) or Hardener GE (**3981297**).
- Print your **reversed** pattern, color by color, on your transfer media. Printing is possible on both sides for matt polyester.
- **After each printed color**, pre-drying either by physical drying at 20°C alternatively through the drying tunnel at 110°C for 60 seconds.
- Protect your transfer media after each pre-gelling to avoid moisture pick up again. These are harmful to color registration.

#### 3) ADHESIVE POWDER APPLICATION

- Apply **PET Adhesive powder** on the last color and pass the transfer through the dryer at 110-130°C for 60-90 seconds.
- ⚠ **The PET Adhesive powder** should be repackaged in a carton before use to reduce static electricity.

#### 4) PRESS CONDITIONS

- Typically wait 72 hours after print before transferring.
- Heat press : 160-180°C for 15-20 seconds.
- ⚠ The tunnel and press conditions must be revalidated by washing tests.

#### 5) PEEL : COLD PEEL

- It is imperative to remove the polyester when cold.

## Compliance

The POLYWORKS inks comply with the **EN 71-3 standard**, **ROHS directive** and **REACH/CLP regulation**.

POLYWORKS FIREPROOF is characterized by its fire resistance according to **the NF EN ISO 15025 test (test associated with the ISO 14116 standard)**. The POLYWORKS FIREPROOF inks comply with the **EN 71-3 standard**, **ROHS directive** and **REACH/CLP regulation**.

## Product range

TRANSFER MEDIAS	Format	Pack size	References
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
Parchment paper for hot transfer	40 x 60 cm	500 sheets	7EPPD200P

TRANSFER ADHESIVE	Pack size	Reference
PET Adhesive powder	3 kg	3863327

ADDITIVE AND THINNER	Pack size	Reference
Hardener XF 822	100 g	3470503
Hardener GE	250 g	3981297

