

## TECHNICAL DATA SHEET

### PLASTISOL PHOTOCHROMIC YELLOW INK

PL Photochromic Yellow with photochromic dye which changes its color by UV light. The photochromic dye causes color change reversibly by UV light. When it is exposed to ultraviolet rays (sunlight), color change occurs, and when the UV light is blocked, it turns to its original color.

#### Highlights

- Excellent stretchability and coverage.
- Excellent durability.
- Outstanding printability on both manual and automatic presses.
- Quick response time.

#### Printing Tips

- Before use, please stir the product well. Do not use any additives that are not advised.
- You must use a white or pastel color as underbase print on all garments other than white. You will greatly reduce the color intensity by not doing this step. Do not use a white ink with optical brightener additive on it.
- Use consistent, high-tensioned screen mesh and sharp edged squeegees for best print results.
- Use a printing technique to assure a good ink deposit to maximize bleed resistance and film strength properties.
- Depending on flash unit, a 2-3 second flash is adequate.

#### Compliance

- Phthalate free ink.
- Prop 65.

#### Precautions

- After using, the screen should be cleaned with synthetic thinner or plastisol screen opener.
- Avoid diluting with polar solvent such as methanol, ethanol, acetone.
- Store in cool and dark place.
- The technical application and information that have been given above, are designed only as using instructions. Should not be considered as a warranty for any other use. If any further help or assistance is required, our technical department is ready for help.
- In case of emergency, Safety Data Sheet of this product should be ready for help at the working area.
- The safety data sheets are intended to provide detailed and comprehensive information about the products. In cases of improper or nonconforming use, the manufacturer/distributor cannot be held liable for any direct or indirect losses or damages.
- Email [info@enormeink.com](mailto:info@enormeink.com) for any questions or more information.



## Recommended Parameters



#### Fabric Types

100% cotton, cotton blends



#### Mesh

Counts: 34-59 T mesh / 86-150 US



#### Squeegee

Durometer: 60-80 Shore  
V type dr. blade



#### Cure Temperatures

320°F(160°C) for 2 minutes



#### Additives

Do not use any additives that are not advised.



#### Shipping & Storage

41°F - 86°F (5°C - 30°C)



#### Clean Up

Synthetic Thinner or  
Plastisol Screen Opener



#### Health & Safety

Please see: Safety Data Sheet