



Allureglow USA

Don't be left in the dark

PS Series Photochromic Screen Printing Inks

Technical Data Sheet PS Series Photochromic	
Wet Ink Tack	Low
After Flash Tack	Low
Printability	Fast with no delays
Surface Appearance	Matt
Opacity/Viscosity	Transparent/Low
Fusion Time	90-120 Seconds
Fusion Temperature	320-340°F 160-170°C
Squeegee Hardness	70-80 Durometer
Squeegee Blade	Soft
Squeegee Angle	45°
Squeegee Speed	Slow to Medium
Squeegee Pressure	Low to Moderate
Mesh Count	110-220
Emulsion	All capillary films & liquid emulsions
Thinner	Plastisol Thinner
Thickener	AG-LTS1959
Storage	65°F to 95°F (18° to 35°C). No direct sun
Cleanup	Bio-Degradable Screen Wash
Substrate Types	Cotton, 50-50
SDS	PS-1000-PC

This Allureglow USA PS-1000-PC Ink is a Non-Phthalate Soft Hand Glow in the Dark Screen Printing Ink. The PS-1000-PC is manufactured using only Phthalate Free Plasticizers and is compliant with all State and Federal Regulations concerning Phthalates. Allureglow USA PS-1000-PC Photochromic Inks enable the screen printer to print on either Light or Dark Garments.

Directions and Helpful Information:

The Allureglow USA PS-1000-PC is a Single Component Ready to Use Ink, just mix it up and it is ready to use. Mixing should be done with a high speed drill or drill press using a Type 2 Dispersion Blade. Continue to mix Ink occasionally throughout production run.

Keep lids on containers to avoid contamination of the Ink

If Ink is too thin for larger opening screens, the use of Allureglow USA LTS-1959 Thickener at a rate of 1/2% by Weight of Ink, Mix Thoroughly and Allow the Ink to Sit for 2-4 Hours Prior to Using.

For Best Results A Heavy Flood and Low to Moderate Squeegee Pressure on Automatic Presses and Heavy Flood and Low to Moderate Squeegee Pressure on Manual Presses is recommended. A Print /Flash/Print Method will achieve the Highest Visibility and Best Results

Allureglow USA PS-1000-PC can be printed using 110-220 Mesh Screens depending on the color and amount of glow you are trying to achieve.

Cure Ink at a Minimum of 320°F (160°C) and preferable 340°F (170°C) Always Test Dryer Temperatures prior to and during production. Curing Time will be between 90 to 120 seconds, depending on amount of ink deposit and color of garment.








Always perform wash test prior to production, to ensure proper adhesion to the fabric, prior to production runs.

Clean-Up can be done using Bio-Degradable Screen Wash

For best long term durability wash in cold water on the delicate cycle and wash inside out. Do Not Use Bleach. Do Not Iron on Print. Line or Hang Dry.

To View: Take the Garment Outside in Sunlight. Note: Color will remain Visible after removing from Sunlight for Approximately 30 Minutes

Ink Colors Available

-  BLACK
-  BLUE
-  GREEN
-  ORANGE
-  RED
-  VIOLET
-  YELLOW

Any application not referenced in this Technical Data should be pre-tested prior to any production run is done.

Manufactured By: Allureglow USA and Allureglow USA makes no representation as to the suitability of any given products; it is up to the buyer or user to determine if the product is suitable for the given application.

For additional information Call (888) 493-4569 or email: info@allureglowusa.com