



Allureglow USA Phthalate Free Plastisol Glow in the Dark Screen Printing Inks

"Don't be left in the dark"

This Allureglow USA PS-2045 Ink is a Non-Phthalate Soft Hand Glow in the Dark. The PS2045 is manufactured using only Phthalate Free Plasticizers and is compliant with all State and Federal Regulations concerning Phthalates.

Allureglow PS-2045 Inks enable the screen printer to print on either light or dark 100% cotton garments. This Ink can also be used on other fabrics and vinyls with the addition of our AG-CLA-100 Additive. Consult SDS prior to using.

Directions and Helpful Information:

The Allureglow USA PS-2045 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 and drying of the Ink.

The use of a Lint Catcher or Overcoat Clear for dark fabrics will aid in uninterrupted production and reduce fibrillation. Create a single screen by combining all of the colors in the image to be printed on a dark 100% cotton fabric. Print using a suitable Primer Clear through a 230 mesh count and then flash cure.

Use of a White Underprint is a must on Dark Garments. You will sacrifice Glow Intensity and Longevity by not doing so.

For Best Results A Heavy Flood and Slow to Moderate Squeegee Pressure on Automatic Presses and Heavy Flood and Light to Moderate Squeegee Pressure on Manual Presses is recommended. A Print /Flash/Print Method will achieve the best results

Allureglow USA PS-2045 can be printed using 86-200 Mesh Screens depending on the color and amount of glow you are trying to achieve.

Cure Ink at 320°F (160°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

Testing and viewing can best be done in a dark room, after charging the print in sunlight for 10 minutes or under artificial light for 30 minutes. Always allow your eyes to adjust for a few minutes after entering the dark room.

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.

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. (888) 493-4569 or www.allureglowusa.com

Technical Data Sheet PS-2045

Wet Ink Tack	Low
After Flash Tack	Low
Printability	Fast with no delays
Surface Appearance	Matt (soaks in)
Opacity/Viscosity	Transparent/Low
Fusion Time	90 seconds to 3 minutes
Fusion Temperature	320 (160-170 °C.)
Squeegee Hardness	70-80 Durometer
Squeegee Blade	Hard
Squeegee Angle	45°
Squeegee Speed	Medium
Squeegee Pressure	Medium
Mesh Count	200-86 mc
Emulsion	All waterproof capillary films liquid emulsions
Thinner	Plastisol Thinner
Thickener	AG-LTS1959
Storage	65°F to 95°F (18° to 35°C). Avoid direct sun
Cleanup	Bio-Degradable Screen Wash
SDS	HS-2045-GG
Substrate Type	Cotton, 50-50

Colors Available

	WHITE		BLUE
	YELLOW		PINK
	ORANGE		VIOLET
	RED		MAGENTA
	GREEN		BLACK
	GREEN GLOW BASE		AQUA GLOW BASE