



# Allureglow USA Phthalate Free Plastisol Reflective Screen Printing Inks

**"Don't be left in the dark"**

Technical Data Sheet for PS Series Reflective	
Appearance	Color Dependent
Opacity/Viscosity	Transparent/Med
Cure Temp	340°F (170°C)
Cure Time	90-120 Seconds
Weatherability	Excellent
Squeegee Hardness	60-70 Durometer
Squeegee Blade	Sharp Edge
Squeegee Angle	45°
Squeegee Speed	Medium
Emulsion	Any
Mesh Count	110 MC
Extender	AG-CLA-100
Thinner	Not Recommended
Thickener	Not Recommended
Storage	65°F to 95°F 18° to 35°C
Cleanup	Bio-Degradable Plastisol Wash
Recommended Fabrics	Cotton and 50-50

The Allureglow USA PS Series Reflective Inks are a Premium Phthalate Free, Soft Hand, Plastisol Reflective Screen Printing Ink. These unique Inks looks like a Conventional Colored Inks in normal light and have remarkable Reflective Properties when light is shined on them. These Inks are an excellent enhancement to any garment that is worn to be more visible or increased visibility would be a benefit. For even greater visibility use the PS-2045 RR Inks in conjunction with the Allureglow USA PS Series Glow in the Dark Inks to give you the best of both technologies.

## Directions and Helpful Information:

For Best Results, Always High Speed Mix Inks throughly with the proper diameter Type 2 Dispersion Blade and either a High Speed Drill or Drill Press, prior to using. Keep lids on containers to avoid contamination.  
Do Not Mix With Any Other Inks

Do Not Underprint Any Color Garment Prior to Using These Inks

PS-2045-RR MUST be printed using a Single Pass Print with 110 Monofilament Mesh Screens. A Double Pass may be done to improve the Daytime Color, however some reflectivity will be lost.

Cure Ink at 340°F (170°C) for 90 to 120 Seconds depending on the thickness of the ink deposit. Always Test Dryer Temperatures prior to and during production. Always perform wash test prior to production, to ensure proper adhesion to the fabric.

Clean-Up can be done using any Eco-Friendly Screen Wash Suitable for Plastisol Inks

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 begun.

## SEE OTHER SIDE FOR REFLECTIVITY TESTING PROCEDURE

Manufactured by: Allureglow USA 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 more information email: [info@allureglowusa.com](mailto:info@allureglowusa.com) or Call (888) 493-4569

## Ink Colors Available

	WHITE		BLUE
	YELLOW		PINK
	ORANGE		VIOLET
	RED		MAGENTA
	GREEN		BLACK
	SILVER/ GRAY		CLEAR

**Actual Colors Will Vary  
This is do in part to the  
Coating on the Reflective  
Beads used to Manufacture  
these Inks**

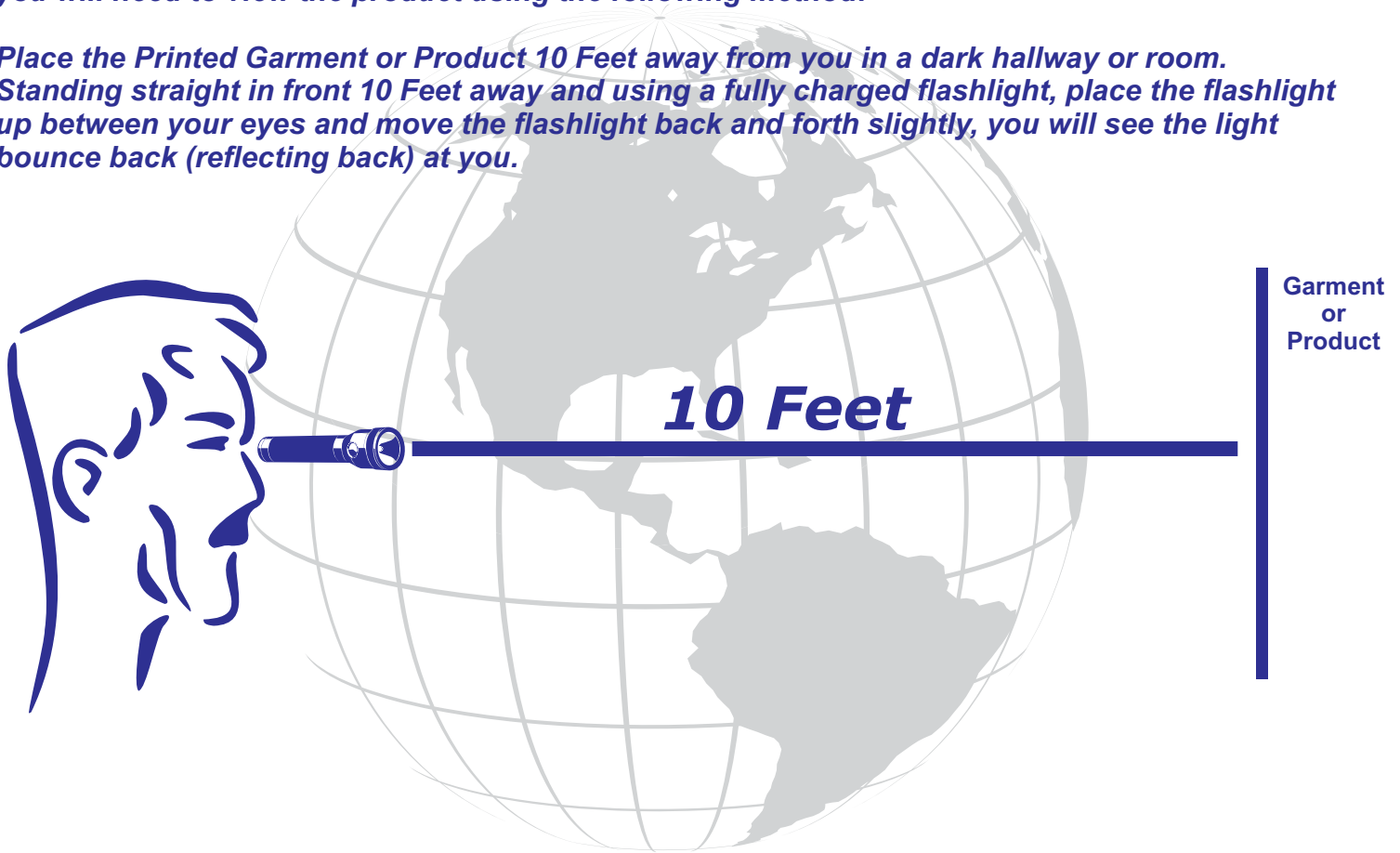


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# **Allureglow USA Testing Procedure for Reflective Inks**

**When determining if Allureglow USA Reflective Inks are suitable for your intended application, you will need to view the product using the following method:**

**Place the Printed Garment or Product 10 Feet away from you in a dark hallway or room. Standing straight in front 10 Feet away and using a fully charged flashlight, place the flashlight up between your eyes and move the flashlight back and forth slightly, you will see the light bounce back (reflecting back) at you.**



**Allureglow USA Reflective Inks have been developed to give maximum levels of reflectivity.**

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