Allureglow USA
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Phthalate Free Plastisol Reflective Screen Printing Inks

Technical Data Sheet for PS-2045-RR	
Appearance	Color Dependent
Opacity/Viscosity	Transparent/Med
Cure Temp	320-340°F (170°C)
Cure Time	60-90 Seconds
Weatherability	Excellent
Squeegee Hardness	60-70 Durometer
Squeegee Blade	Sharp Edge
Squeegee Angle	45°
Squeegee Speed	Medium
Emulsion	Any
Mesh Count	110-180 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 All Phthalate Free, Soft Hand, Plastisol Reflective Screen Printing Inks designed for 100% Cotton and 50-50 Fabrics, however with the use of our AG-CLA-100 Additive, other Fabrics or Materials can be printed on. 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 UNDERBASE OR UNDERPRINT WITH PLASTISOL INKS WHEN USING THESE INKS, REGARDLESS OF THE COLOR OF THE GARMENT. IT IS POSSIBLE TO PERFORM A DISCHARGE UNDERBASE PRINT PRIOR TO PRINTING WITH THESE INKS

Print using a Single Pass with 110 Monofilament Mesh Screens or a Double Pass with up to180 Monofilament Mesh Screens. Note: Using More Passes or More Open Mesh Screens Will Result In Loss of Reflectivity.however some Reflectivity may be lost. Do not Underbase unless a Clear Discharge Ink is Used.

Cure Ink at 320-340°F (170°C) for 60 to 90 Seconds depending on the thickness of the Ink Deposit, Color of the Garment and the type of Drying/Curing Equipment used. 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.

Ink Colors Available

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

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

SEE OTHER SIDE FOR VIEWING OR TESTING REFLECTIVITY 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.
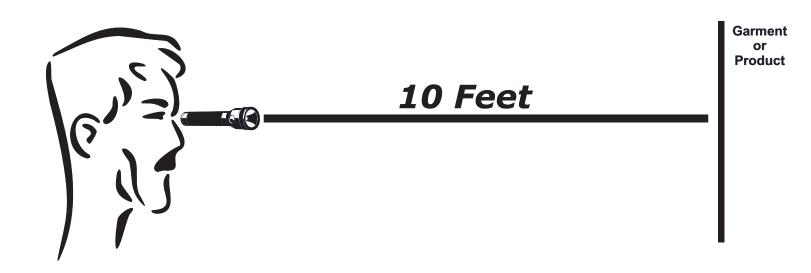For additional information Call (888) 493-4569 or email: info@allureglowusa.com

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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.

Garment or Product

10 Feet

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

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www.allureglowusa.com