



# Allureglow USA

Don't be left in the dark

## High Solids Acrylic Reflective Screen Printing Inks

Technical Data Sheet HS Series Reflective	
Wet Ink Tack	Tack Free
After Flash Tack	Tack Free
Printability	Excellent
Surface Appearance	Glitter
Opacity/Viscosity	Transparent/Medium
Fusion Time	90 to 120 Seconds
Fusion Temperature	Fabric Dependent
Squeegee Hardness	70-80 Durometer
Squeegee Blade	Sharp
Squeegee Angle	45°
Squeegee Speed	Slow to Medium
Squeegee Pressure	Heavy or High
Mesh Count	110-180 MC
Emulsion	Any Waterproof Emulsion
Thinner	DO NOT USE
Thickener	DO NOT USE
Storage	65°F to 95°F (18° to 35°C). Avoid Direct Sun
Cleanup	Wash with Water and Degreaser
SDS	HS Series Reflective
Substrate Types	100% Cotton, 50-50 Polyester, Nylon, Lycra with use of AG-CLA100

The Allureglow USA Reflective Ink is a Premium High Solids Acrylic, PVC Free, Single Component Reflective Screen Printing Ink, designed for Cotton & 50-50 and with the use of our AG-CLA100 Additive you can print on Polyester, Nylon and Stretch Fabrics and much more. This unique Ink looks like conventional colors in normal light and has remarkable reflective properties when light is shined on it. This Ink is an excellent enhancement to any garment that increased visibility would be a benefit.

### Directions and Helpful Information:

**Note: You Must Use the AG-CLA100 at an addition rate of 1.5% by weight added to the Ink when printing on Polyesters, Nylon Lycra and Performance Fabrics. This enables you to reduce curing temperatures to 280°F (138°C). Wash Tests Must Not Be Done Until 48 Hours After Curing.**

All Allureglow Inks are Ready to Use Inks, just mix them up and their 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 and especially if it is being used in extremely hot environments to prevent screens from drying out or clogging.

Keep lids on containers to avoid contamination

### Do Not Mix With Any Other Inks or Colorants

### Do Not Underprint This Ink Regardless of the Color of the Garment

For Best Results: Use Medium Flood and Moderate Squeegee Pressure on both Automatic and Manual Presses

Allureglow USA Reflective Ink can be printed using a single or double pass through 110 to 180 Mesh Screens depending on the color and amount of reflectivity you are trying to achieve. **For Best Reflectivity Use A Single Pass Only Do Not Use Print Flash Print Method If Doing Two Passes**

Cure Ink at 340°F (170°C) Unless AG-CLA100 is used than it should be 280°F (. Always Test Dryer Temperatures prior to and during production. Curing Time will be between 120 & 180 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. **If AG-CLA-100 is used wait 48 hours after curing before washing and testing.**

Clean-Up can be done using Degreaser and Water. Properly Dispose of any Un-Used 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 done.

### SEE OTHER SIDE FOR REFLECTIVITY TESTING PROCEDURE

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](mailto:info@allureglowusa.com)

### 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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## **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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