



# Allureglow USA

Don't be left in the dark

## High Solids Acrylic Fluorescent Screen Printing Inks

Technical Data Sheet HS-1000-FL	
Wet Ink Tack	Low
After Flash Tack	Low
Printability	Fast with no delays
Surface Appearance	Matt (soaks in)
Opacity/Viscosity	Transparent/Low
Fusion Time	90-180 Seconds Depending on Ink Thickness
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	110-305
Emulsion	All waterproof capillary films liquid emulsions
Thinner	Water
Thickener	AG-LTS1959
Storage	65°F to 95°F (18° to 35°C). Avoid direct sun
Cleanup	Soap & Water
SDS	HS-2045-GG
Substrate Type	All Types when CLA-100 additive is used

### Colors Available



Colors May Vary Slightly  
Available in Quarts, Gallons  
and Five Gallon Containers

The Allureglow USA HS-1000-FL Fluorescent Inks Offer Beautiful Vibrant Colors, Soft Hand Feel and Excellent On Press Characteristics for Ease of Printing. The HS-1000-FL Inks are Fluorescent, so they can be seen when exposed to UV/Blacklights. The HS-1000-FL Inks are Free of Any PVC's

The HS-1000-FL Fluorescent Inks, are best viewed under UV or Blacklights

### Directions and Helpful Information:

The Allureglow USA HS-1000-FL Inks are 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. Consult SDS Prior to Using.

**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.**

A White Underbase Must Be Applied To Any Color Garment Other Than White Garments. The Allureglow PS-1000 White is an excellent Underbase, however any Good Quality High Opacity White Ink will work with the PS-1000-FL Inks. Use a 160 Mesh Screen for your Underbase and a Print/Flash/Print maybe required on some Materials to get proper opacity.

The HS-1000-FL can be printed using 110-305 Mesh Screens depending on the color you are trying to achieve.

For Best Results Printing the HS-1000-FL, Use A Moderate to Heavy Flood and Low to Moderate Squeegee Pressure and Slow to Moderate Speed Stroke on Automatic or Manual Presses and Perform a Print/Flash/Print

Cure Ink at 320°F (160°C) Always Test Dryer Temperatures prior to and during production. Curing Time will be between 60 to 120 seconds, depending on your Dryer, the amount of ink deposited 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 or Soap and Water

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.

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